	.7\	G	ZA PoEnviron	mental, In	۴.			s Mill - Nexfo			Boring No.		
		En	gineers ar	nd Scientists		-	Berlin, N	lew Hampshi	re		Page: File No.:	of _ 2344	<u>_</u> 11
Fore Logg Date Bori	eman: _ ged by: e Start/F ng Loca	inish: _	Jay ( Mich 10-2		7-03	Type:	4 in 300 lb 24 in	Sampler <u>SS</u> 1.37 in  140 lb  30 in	Date 10/27/03 10/28/03	GROUNI Time 1:00 4:15	Check: DWATER RE		
		San	npie Infor	mation		Rig Type: .	CIM	E 750	-		-		
Depth (ft)	No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Descript	Sample ion & Classif	cation	Stratum Desc.	Remarks		ent Insta Road Box	
5-	S-1 S-2	24/ 6 24/ 8	0.0- 2.0 5.0- 7.0	16-26 15-6 3-3 7-23	ND ND	Dense, brown/gra some (+) Gravel, Medium dense, b SAND, little (+) G	little (-) Silt.	Dry.	SAND	1		Ceme 0.5'	
10-					· ·				9.0 fl	2		— 8' — Bentor — 10' — 11'	nite (
20									BEDROCK			2" ID S Sch 40 Well S (0.01"	PV( cree
30 –						Bottom of boring a surface.	at 31.5 feet be	elow ground	31.5 ft	3		-31.5'	
2	isobu VOCs Bedro	tylene-ir detecte ock enco	n-air stand ed. ountered a	eened for to lard. Total at 9 feet bel ite construc	VOCs de		nds (VOCs) t d in parts per	ising a TEI Mode million (ppm) in	el 580B orga the "Field To	nic vapor est Data"	meter refere column. "Ni	nced to a	in es n
Vater I	evel read	ings have	re approxima been made rements wer	at times and	tion lines re under cond	present approximate titions stated. Fluctuati	oundary betwee ons of groundwa	n soil types, transitic ter may occur due to	ons may be grad o other factors th	lual. an those	Boring No.:	GZ-19	

Burgess Mill - Nexfor Boring No.: \_\_ GZ-20 GZA GeoEnvironmental, Inc. Berlin, New Hampshire Page: 1 of \_ Engineers and Scientists File No.: \_\_ Check: \_ New Hampshire Boring, Inc. Auger/ Contractor: \_\_ Sampler Jay Garside Casing **GROUNDWATER READINGS** Foreman: \_\_ SS Stab Michael Filler HW Date Time Depth Casing Logged by: \_\_ Туре: 10/28/03 4:10 10.9 ft Well 18 hrs. 10-27-03 / 10-27-03 4 in 1.37 in I.D.: Date Start/Finish: Boring Location: See Exploration Location Plan Hammer Wt.: 300 lb 140 lb 11/6/03 13:40 11.1 ft Well 10 days GS Elev.: 1046.1 ft NGVD 30 in \_\_ Datum: \_ Hammer Fall: Rig Type: Sample Information Depth (ft) Field Remarks Equipment Installed Pen./ Stratum Sample Blows Depth Test Road Box No. Rec. (/6")Data Description & Classification Desc. (ft) (in) (ppm) Cement 0.5 20/3" Very dense, dark brown/black, fine to coarse 1.0-Soil Cuttings S-1 3/ 1.3 SAND, some Gravel, some Silt, Ash, gummy consistency. Fill. Bentonite - 31 4 Filter Sand 5 Medium dense, black, fine to coarse SAND, S-2 24/ 5.0-6-7 1.1 18 7.0 10-8 some Gravel, trace Silt, Ash. Fill. SAND FILL 2" ID Slotted Medium dense, black, fine to coarse SAND, 3 3-7 24 9.0-S-3 24/ Sch 40 PVC some Gravel, trace Silt, Ash. Fill. 10-10 12 11.0 Well Screen 10 (0.01" Slot) 14 14.0 BEDROCK Very dense, dark brown/black, fine SAND, 14.0-7-10 S-4 12/ some Silt, Ash. Fill.
Bottom of boring at 15 feet below ground 15/0" 15.0 15 surface. 20 25 NH.GDT 12/9/03 GZA Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an LOGS BURGESS.GPJ E

isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates no VOCs detected.

Split spoon refusal encountered at 1 foot below ground surface.

Brick lodged in split spoon tip.

A R

K s

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

	<i>_</i> 7\	GZ G	LA o Envisor	mental, In				s Mill - Nexfo			Boring No		2-21
		En	gineers at	nd Scientists	L.		Berlin, N	lew Hampshi	re		Page: File No.: .		
Fore Logg Date	eman: _ ged by: • Start/F	inish: _	Jay Mich 10-2	shire Boring Garside nael Filler 28-03 / 10-2	8-03		4 in	Sampler  SS  1.37 in  140 lb	Date 11/6/03	GROUN Time 8:30	Check: IDWATER R Depth 3.2 ft		
GS F	ng Loc	1067.7	ft Da	tum:	IGVD	Hammer VVI.: . Hammer Fall: .		30 in					
						Rig Type:		E 750					
_		San	ple Infor	mation	T								
(#)	No.	Pen./ Rec. ( in)	Depth ( ft)	Blows (/6")	Field Test Data (ppm)	Descript	Sample Ion & Classifi	cation	Stratum Desc.	Rema	Equip	Road Box	X
7	S-1	24/ 6	0.8- 2.8	14-14 10-10	ND	Medium dense, d coarse SAND, so Cobbles, and blad	me Gravel, tri	ace Silt,	ASPHALT 0.8 ft	2		Cemer 0.5' Bentor 1.5' 2'	nite
5-	S-2	24/ 3	5.0- 7.0	10-12 16-27	ND	Medium dense, d coarse SAND, so	ark brown/bla me Gravel. V	ck, fine to Vet. Fill.	FILL	3		2" ID S Sch 40 Well S (0.01"	Slotted DPVC Screen
+						Bottom of boring	at 8 feet belov	w ground	8.0 ftBEDROCK	4		8'	
5													
2 3	isobu VOCs . 10 ind . Rock	tylene-in detecte thes of a lodged i	-air stand d. sphalt pa n split sp	lard, Total ivement.	VOCs de	e organic compou tected are reporte d surface.	nds (VOCs) u d in parts per	sing a TEI Mode million (ppm) in	I 580B orga the "Field To	nic vapo est Data	r meter refer " column. "N	enced to a	an les no

		A IG	ZA				Burges	s Mill - Nexfo	٢		В	oring No	.: <u>G</u> Z	<u>′-22</u>
	7	G	eoEnviron	mental, In			Berlin, N	ew Hampshi			P	age:	1 of .	1
		\   Er	igineers ar	nd Scientists	3	•		***************************************		····	F	ile No.: _	234	11
Co	ntractor	. N	ew Hamps	shire Boring	g, Inc.	_	Auger/				С	heck:		
1			Jay (	Garside			Casing	Sampler		GROL	INDW	ATER RI	EADINGS	
				nael Filler		Туре: _	🕶	SS	Date	Tim		Depth	Casing	Stab
Dat	te Start/	Finish:	10-2	8-03 / 10-2	8-03	I.D.: _		1.37 in	11/6/03	8:5		4.2 ft	Well	9 days
Во	rina Loc	ation:	See Explo	ration Loca	ation Plai	Hammer Wt.:		140.lb						
				tum:!		Hammer Fall: _		30 in						
_	T			.,		Rig Type:	CME	750						
<b> </b> _		Sar	nple infor	mation									~	
Depth (ft)	No.	Pen./ Rec. ( in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Descripti	Sample ion & Classifi	cation	Stratum Desc.	Domarks		Equip	Road Bo	
	S-1	24/	0.0-	15-18	ND	Dense, black, fine	to medium 0	RAVEL, some	·	-   -			Ceme	nt
-	1	3	2.0	19-13		Sand, trace Silt.	Moist. Fill.				****		0.5'	
] .					İ				FILL				Soil C	uttings
					Ì					Ì			Bento	nite
•	1												\\2'	
-	1								4.0 ft			目. 4	3'	C I
5-		0.44	5.0	10.40	ND.	h #151	6. 1	CAND		١.			Filter	
-	S-2	7	5.0- 7.0	10-12 16-27	ND	Medium dense, g some Silt. Wet.	ray, fine to co	arse SAND,	SAND AND S	ILT 2			2" ID 9 Sch 40 Well 9	PVC Screen
Ι.													(0.01" —-8'	Slot)
						Bottom of boring a	at 8 feet belov	v ground	8 0 fiBEDROCK					
-	1	ļ				surface.								
10-														
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REMAR	isobu VOC	itylene-ir s detecti	n-air stand	lard. Total	tal volati VOCs de	le organic compoul etected are reporte	nds (VOCs) u d in parts per	sing a TEI Mode million (ppm) in	el 580B orga the "Field Ti	nic va; est Da	oor ma ta" cc	ater refer lumn. "N	enced to a ID" indica	in es no
K S														

SOIL BL WELL LOGS BURGESS GPJ GZA NH.GDT 12/9/03

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

		I GZ	'.A			Burgess Mill - Nexf	or		Boring N	o.: <u>GZ-23</u>
C	7L	Ge	oEnviron	mental, Ind ad Scientists	2.	Berlin, New Hampsh	ire		Page:	_1 of1_
Con	tractor:		_	shire Boring		Auger/				23441
Fore	eman: _		Jay (	Garside		_ Casing Sampler	_		DWATER F	
Log	ged by:	inich:		nael Filler 8-03 / 10-2	8-03	Type: <u>HW SS</u> 1.D.: 4 in 1.37 in	Date 11/6/03	Time 14:10	Depth 6.8 ft	Casing Sta Well 9 da
Bori	ing Loc	ation:	See Explo	ration Loca	tion Plar	Hammer Wt.: 300 lb 140 lb	***************************************	14.10	0.011	VVEII 9 GB
					IGVD	Hammer Fall: 24 in 30 in				
		San	ple Infor	mation	·	Rig Type:CME 750				
Depth (ft)		Pen./	Depth	Blows	Field Test	Sample	Stratum	arks	Equip	ment Installed
۵ -	No.	Rec. (in)	(ft)	(/6'')	Data (ppm)	Description & Classification	Desc.	Remarks		Road Box
-	S-1	24/ 3	0.5- 2.5	25-12 7-6	ND	Medium dense, brown, fine to coarse SAND, little Gravel, trace Silt. Dry. Fill.	FILL	1		Cement 0.5'
4			2.0	1		indic Graver, trace Sin. Bry. 1 m.	2.0 ft	2		Soil Cuttings 2'
-							WOOD FIL	L		Bentonite 3.5'
4	S-2	24/	4.0-	4-44	ND	Very dense, dark brown/black, WOOD, little	4.0 ft			Filter Sand
5-		6	6.0	15-14		fine to medium Sand, trace Gravel, trace Silt, oil-stained. Moist. Fill.				5'
7										•
٦							SAND			2" ID Slotted
										Sch 40 PVC Well Screen
10-	S-3	10/	9.0- 9.8	28-74/4"	ND	Very dense, brown, fine to medium SAND, some (+) Silt, little (-) Gravel. Wet.	(10.0 )			(0.01" Slot)
	ı					Bottom of boring at 10 feet below ground surface.	10.0 BEDROCK	`		
_						34.1435.				
4										
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1				A. C. C. C. C. C. C. C. C. C. C. C. C. C.						
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		G2	ĽΑ				Burges	s Mill - Nexfor			Boring N	o.:G	Z-24
	TL.	Ge	oEnviron	imental, Indadasis	c.		Berlin, N	ew Hampshir	<u>e</u>		Page:	of	1
												234	
Cont	ractor:	Ne	w Hamps	shire Boring	g, Inc.	-	Auger/	Sampler					
				Garside nael Filler			Casing HW	SS	Date		NDWATER F		
Logg	jed by:			8-03 / 10-2		Type: _  .D.: _		1.37 in	11/7/03	9:00		Casing Well	9 day
Bori	na Loca	ation: 5	See Explo	ration Loca	ation Plan	Hammer Wt.:		140 lb		0.00	, 0.0 %	1 110	0 00
						_ Hammer Fall: _		30 in					
						Rig Type:		750					
_		San	ple Infor	mation	- <del>, </del>								
Depth (ft)		Pen./	Depth	Blows	Field Test		Sample		Stratum	SX	Equip	oment Inst	alled
ا م	No.	Rec. (in)	(ft)	(/6")	Data (ppm)	Descripti	on & Classifi	cation	Desc.	Remarks		- Road Bo	ЭX
	S-1	6/ 4	0.0- 0.5	9-14/0"	ND	Very dense, brow some Gravel, trac			SAND	1	W W	Ceme 0.5*	ent
1		4	0.5			Cobbles. Moist.	e Siit, Otgani	cs, weathered	1.0 ft	2		Bento	onite
4					1				CONCRET	= {		1 11	
4												2.5'	Sand
								Ì	3.5 /1	-1		1 111,61	Janu
_						and the second s		İ				3"10	Classic
5-									SAND AND COBBLES				Slotted 0 PVC
4								7	3300000			Well	Screen
4												(0.01 <sup>1</sup> 7.5 <sup>1</sup>	'Slot)
4						Bottom of boring	at 7.5 feet bel	ow ground	7.5 ft BEDRO	OCK . 3		7.5	
1						surface.							
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1	Sail -	amples :	were cor	anad for to	tal voisti	le organic compou	nde (V/OCe)	sing a TEI Model	580B orca	nic van	or mater refe	renced to	an
₹						etected are reporte							
	VOCs	detecte	d.			,							
VI 2	Split s	spoon re	tusal enc	ountered a	t 1 foot b	elow ground surfact ground surface. S	e. teel was ence	ountered at 3.5 fe	et below on	ound s	urface The	borina was	
٦   ٽ	abano	loned ar	nd moved	5 feet to th	ne north.	The second boring	was also ab	andoned for the	same reaso	n. A th	nird boring, 20	o feet to th	e west,
<	was a	ttempte	d and adv	vanced to a	depth of	7 feet below groun	nd surface.				•		
2													
5													
II depti	n measur	ements ar	e approxim	ate. Stratifica	tion lines re	epresent approximate bitions stated. Fluctuation	oundary betwee	n soil types, transition	ns may be grad	lual.			

	77	G2   Ge	oEnviron	ımental, İn	c.		-	s Mill - Nexfor ew Hampshir			Boring No		
Cor	ntractor:	1 En	gineers ar ew Hamps	nd Scientists shire Boring	ī		Auger/		е		File No.: _ Check:	234	
				Garside nael Filler			Casing	Sampler	<b>.</b>		NDWATER R		
		inlsh: _		8-03 / 10-2		_ Type: _	HW 4 in	SS 1.37 in	Date 11/7/03	Time 9:15	<del></del>	Casing	Si
						Hammer Wt.: _		140 lb	11/1/05	3.13	0.410	Well	80
			ftDa			_ Hammer Fall: _		30 in					
	1	P			-	Rig Type: _	CMI	E 750					
5_		San	nple Infor	mation	Field					· ·	1	<del></del>	<u> </u>
Depth (ft)	No.	Pen./ Rec. ( in)	Depth (ft)	Blows (/6")	Test Data (ppm)	Descripti	Sample on & Classifi	cation	Stratum Desc.	Remarks	Equip	Road Bo	
-	S-1	24/ 10	0.0- 2.0	25-25 15-9	ND	Dense, dark brow SAND, some (+) ( debris, weathered	Gravel, trace	Silt, building		1		Ceme 0.5' Soil C 1' Bento	uttin
5-	S-2	2/ 0	4.0+ 4.2	49/2"	ND	No recovery.			FILL	2		Filter :	San
		,								3		2" ID \$ Sch 46 Well S (0.01"	0 PV Scree
 10						Bottom of boring a surface.	at 9 feet belov	v ground	9.0 ft		-	g <sup>,</sup>	
_					***************************************	03114357							
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	isobu	amples tylene-ir s detecte	-air stand	ened for to lard. Total	tal volati VOCs de	e organic compou etected are reporte	nds (VOCs) u d in parts per	sing a TEI Mode million (ppm) in	l 580B orgai the "Field Te	nic vapo est Data	or meter refer " column. "N	enced to a	an tes
1 2	2. Conc	rete from	1 4 to 6.5	feet below n-like mate	ground s rial from	urface. 6.5 to 9 feet below	ground surfa	ce.					
l dep	oth measur	ements ar	e approxima	ate. Stratifica	tion lines re	present approximate b	oundary between	n soll types, transition	ns may be grad	lual.			
			been made ements wer		under cond	tions stated. Fluctuation	ons of groundwat	er may occur due to	other factors th	an those	Boring No	· G7-25	

			GZ	'.A				Burgess	Mill - Nexfor			Boring No	o.:G	<u>z-26</u>
			Ğe	oEnviron	mental, Inc d Scientists			Berlin, Ne	ew Hampshire	<u> </u>		Page:	of	1
												File No.:		
	Con	tractor:	Ne	w Hamps	hire Boring	, Inc.		Auger/	0			Check: _		
ı	Fore	eman: _			<u> Sarside</u>	····	_	Casing	Sampler		GROUNE	WATER R	EADINGS	
	Log	ged by:		Mich	ael Filler		Туре: _	HW	SS	Date	Time	Depth	Casing	Stab
I	Date	Start/F	inish: _	10-2	9-03 / 10-29	9-03	I.D.: _	4 in	1.37 in	11/7/03	9:30	3.2 ft	Well	8 days
١	Bor	ing Loca	ation:	See Explo	ration Loca	tion Plan	_ Hammer Wt.: _	ODEX	140 lb			<del> </del>		<del> </del>
	GS	Elev.: _	1083.5	<u>π</u> Dat	um:N	GVD	_ Hammer Fall: _	CME	30 in					
			San	nple Infor	mation		Rig Type: _	CME	730					
1	변호		D /						T	J	2	Equip	ment Inst	alled
-	Depth (ft)	No.	Pen./ Rec.	Depth	Blows (/6")	N Value	Dogavinti	Sample ion & Classific	ation	Stratum	Remarks		- Road Bo	
-			(in)	(ft)	(10)	Value	Descripti	ion & Classino	ation	Desc.	Re			^
ı							No samples colle	cted.			1		Ceme	ent
	-												0.5'	uttings
	-											1. To 1.	1'	uttings
- 1	_												\\Bento	nite
- 1													\\2' 3'	
												<b>=</b> =	Filter	Sand
- 1	5 -												2" ID	Slotted
- 1	7								1				Sch 4	0 PVC
ı	-								ļ				(0.01"	Screen
													L8'	3.00)
- 1			·				Bottom of boring surface.	at 8 feet below	ground				•	
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0	R	. No sp	lit spooi	n samplin	g due to he	avy rains	and safety issues	s associated w	ith the "cat-head.					J
2.GP	E													l
SS	M													ĺ
EGE :	R													1
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ELE.	S													
× - 31	All dep	th measur	ements ar	e approxima	ate. Stratificat	ion lines re	present approximate t	ooundary between	soil types, transition	s may be grad	dual.			
=1	Water	level read	ings have	been made ements wer	at times and t	inder cond	itions stated. Fluctuati	ons of groundwate	er may occur due to o	ther factors t	nan those	Boring N	o.: GZ-26	l

		GZ	A				Burgess	Mill - Nexfor			Boring No	.:GZ	2-27
C		Geo	Environi	nental, Inc d Scientists	•		Berlin, N	ew Hampshire	·		Page:	of .	1
		Ne	w Hamps	hire Boring Sarside		-	Auger/	Sampler		0001010	File No.: _		
Fore	man:		Jay G Micha	ael Filler_		- _ Type: _	Casing HW	SS	Date	GROUNL Time	WATER R Depth	EADINGS Casing	Stab
Date	Start/Fin	ish:	10-29	9-03 / 10-29	9-03	. I.D.;	4 in	1.37 in	11/7/03	10:00	2.7 ft	Well	8 days
Bori	ng Locati	on: _S	ee Explor	ration Loca	tion Plan GVD	Hammer Wt.: _ Hammer Fall: _	ODEX	140 lb				-	<del> </del>
GS E	ilev.:					. Rig Type: .	СМЕ	<u> </u>					
_		Sam	ple Inforr	nation						1001			<u></u>
(£)	No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	N Value	Descript	Sample ion & Classifi	cation	Stratum Desc.	Remarks	Equip	Road Bo	
						No samples colle	cted.			1		Ceme	ent
7											*****	0.5' Soil C	uttings
-												1' Bento	nite
4	1											2'	
4											目出	Filter	Sand
5		1											Slotted
+													0 PVC Screen
+												(0.01"	
+						Bottom of boring	at 8 feet belov	v ground				8'	ė
7						surface.							
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₹	I. No spl	it spoo	n samplin	g due to he	avy rain	and safety issues	associated w	ith the "cat-head."	ı				
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ĺ											· · · · · · · · · · · · · · · · · · ·		
II der	th measure	ments a	re approxim	ate. Stratifica	tion lines re	epresent approximate itions stated. Fluctua	boundary between	en soil types, transition	ns may be gra other factors t	idual. than those	Boring N	o · G7-27	

		167	7.A				Cascade	e Mill - Nexfo	r		Boring N	o.: G	Z-28
	7L	Ge	oEnviron	mental, Ind Scientists	c.		Gorham, I	New Hampsh			Page:	1 of	1
			ew Hamps	shire Boring Garside	g, Inc.		Auger/ Casing	Sampler		GROUN		234 READINGS	
Log	ged by:		Mich	nael Filler		Туре:	HW	SS	Date	Time	Depth	Casing	Stal
Date	e Start/F	inish: _	10-3	0-03 / 10-3	0-03	I.D.:	4 in	1.37 in	11/5/03	11:40	8.3 ft	Well	7 day
						Hammer Wt.:				ļ		ļ	ļ
GS	Elev.: _	901.4	ft Da	tum:	NGVD	_ Hammer Fall:		30 in				-	<del> </del>
		San	nple Infor	mation		Rig Type:	CME	: 750				-	<del> </del>
<b>5</b> _		T	T	1	Field					l S	Equir	oment inst	allod
Depth ( ft)	No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Test Data (ppm)	Descript	Sample tion & Classific	cation	Stratum Desc.	Remarks	Equip	Road Bo	
-	S-1	24/ 0	0.0- 2.0	2-3 3-5	ND	Loose, red, fine t Gravel, trace Silt Moist. Fill.				2		Ceme 0.5' Bento 1.5'	
5-	S-2	24/ 4	5.0- 7.0	1-1 2-1	ND:	Very loose, red, Gravel, trace Silt			FILL			Filter	
				#					7.0 ft			Sch 4	Slotted 0 PVC Screen Slot)
10-	S-3	24/ 12	10.0- 12.0	5-2 5-1	ND	Loose, dark brow Sand. Wet.	n, SILT & CLA	AY, little (-)	SILT & CLA	3		12' Soil	
15		`				Bottom of boring surface.	at 13 feet belo	w ground	13.0 BEDROCK	4		13'	
- 20 – -													
25-													
1 1-1-1													
R E VI 2 A 3	isobu VOC Rock 3. ODE	tylene-ir s detecte lodged X to 10 f	n-air stand ed. in split sp eet below	dard. Total oon tip. So ground su	VOCs de oil classifi rface, pu	le organic compore elected are reported ication based on c shed large split sp ound surface.	ed in parts per attings.	million (ppm) in	the "Field T	est Data	' column. '	'ND" indica	an ites no
Vater I	evel read	ings have	e approxim been made ements wer	at times and	ition lines re under cond	epresent approximate litions stated. Fluctuat	boundary between	n soil types, transitio ter may occur due to	ns may be gra other factors t	dual. han those	Boring N	o.: GZ-28	

		G7	'.A ·	,			Cascade	e Mill - Nexfor	-		Boring No	o.: GZ	-29
	7L	Ge	oEnviron	mental, Ind d Scientists	c.		Gorham, N	lew Hampshi	re		Page:	1 of _	1
			w Hamps Jay G	hire Boring Sarside			Auger/ Casing	Sampler		GROUNI	File No.: _ Check: DWATER R		
Logi	ged by:			ael Filler	0.00	Type: _		SS	Date	Time	Depth	Casing	Stab
Date	Start/F	inish: _	10-30	0-03 / 10-3	tion Plan	I.D.: _ 1_ Hammer Wt.: _	4 in	1.37 in 140 lb	11/5/03	11:30	4.7 ft	Well	7 days
CS	ng Loc	894.6	ft Dat	um.	VGVD	Hammer Fall: _	ODLX	30 in					
						Rig Type:	СМЕ	750					
ے		San	nple Inform	nation	T					1.0			
Depth (ft)	No.	Pen./ Rec. ( in)	Depth ( ft)	Blows (/6")	Field Test Data (ppm)	Descripti	Sample on & Classific	cation	Stratum Desc.	Remarks	Equip	ment Insta Road Box	
	S-1	24/ 14	0.0- 2.0	3-7 12-13	ND	Medium dense, b SAND, some Gra Dry. Fill.	rown/red/gray, vel, trace Silt,	, fine to coarse building debris.	FILL	-		Ceme 0.5' Soil C 1' Bento 2' 3.5'	uttings
5-	S-2	6/ 2	4.0- 4.5	28/6*	ND	Very dense, brow SAND and Grave Cobbles. Moist.	l, trace Silt, bu	ilding debris,	4.5 ft CONCRETE	2		Filter S	Slotted
7								-	COBBLES			Sch 40 Well S	
-		ļ				D. (1			7.0 ft ROCK 7.5 ft			匚 (0.01"	
10-						Bottom of boring surface.	at 7.5 leet bei	ow ground	7.5 11			`7.5'	.1
		and the second s								-			
15-					A STATE OF THE STA								
-				•	Andreas consistency of the constitution of the								
20-													
4													
-													1
25 –	-												1
1													A Company
R E	isobu VOC	itylene-ir s detecte	n-air stand ed.	ard. Total	VOCs de	le organic compou etected are reporte d surface, rock lock	d in parts per	million (ppm) in t	580B orgar he "Field Te	nic vapor est Data"	meter refe column. "I	renced to a	an tes no

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

		G2	ZA .			Cascade Mill -			Boring No	.:GZ	Z-30
		Ge   En	oEnviron gineers an	mental, Inc ad Scientists		Gorham, New Ha	ampshire		Page:		
Fore Log Date Bori GS I	eman: ged by: _ Start/Fii ng Locat	nish: ion: 862.8	Jay 0 Mich 10-3	tum:N	0-03	Casing Type: HW S I.D.: 4 in 1.3 Hammer Wt.: ODEX 140	7 in 11/5/03 0 lb	GROUNI Time 10:00	Check: DWATER R Depth 6.2 ft		
Depth (F)	No.	Pen.i Rec. ( in)	Depth (ft)	Blows (/6")	Field Test Data	Sample Description & Classification	Stratun Desc.	Remarks		ment Insta	
5-	S-1	24/ 13	0.0- 2.0 4.0- 5.8	16-15 14-10 22-18 11-22/4"	(ppm) 3.4 ND	Medium dense, brown, fine to coarse S/some (-) Gravel, trace Silt. Dry. Fill.  Medium dense, brown, fine to coarse S/and Gravel, trace Silt, Cobbles. Wet. F	FILL	2			Sand Slotted 0 PVC Screen
15-						Bottom of boring at 12.5 feet below grousurface.	ind 12.5 ft			12.5'	
R	isobut	/lene-ir detecte	n-air stand ed.	dard. Total	VOCs d	le organic compounds (VOCs) using a Ti etected are reported in parts per million ( d surface. ODEX to 6.5 feet below groun	ppm) in the "Field	anic vapol Fest Data'	r meter refe ' column. "I	renced to ND" indica	an ates no
3											

		1 G7	.A				Cascade	e Mill - Nexfo	or		Boring No	o.:GZ	Z-31
	7	Ge	oEnviron	mental, Inc	<b>:.</b>		Gorham, I	New Hampsh	nire		Page:	of .	
			•	d Scientists							File No.:		41
Con	tractor:	Ne		shire Boring	, Inc.		Auger/	Sampler			Check: _		
Fore	eman: _			Garside		•	Casing	•		GROUN	NDWATER R	EADINGS	i
Log	ged by:		Mich	ael Filler		Туре: _	HW	SS	Date	Time		Casing	Stab
Date	e Start/F	inish: _	10-3	0-03 / 10-3	0-03	I.D.: _	4 in	1.37 in	11/5/03	10:15	8.4 ft	Well	7 days
Bori	ing Loca	ation: 🕹	See Explo	ration Loca	ition Plan	_ Hammer Wt.: _		140 lb					
GS	Elev.: _	863.9	ft Dat	tum:1	IGVD	_ Hammer Fall: _		30 in	-				
		San	ple Infor	mation		Rig Type: _	СМЕ	± 750	-	····			
5		Γ	1		Field				T	y s	T	ment Insta	
Depth (ft)	No.	Pen./ Rec. (in)	Depth ( ft)	Blows (/6")	Test Data (ppm)		Sample on & Classific		Stratum Desc.	Remarks	Equip	Road Bo	×
	S-1	24/	0.0-	8-16	ND	Dense, brown, fin				1		Conre	te
1		10	2.0	26-17		Gravel, trace Silt,	Cobbles. Mo	oist. Fill.		}		0.5°	uttings r
										1		2'	- 1
												Bento	nite (
			-									3'	
	S-2	5/	4.0-	50/5"	ND	Gray, Gravel, rip-	rap.			2		4	<b>f</b>
5 -		1	4.4							1			1
1 4					Į.					- 1		Filter	Sand
									FILL				•
									1				
						*						1.	- 1,
1 -	S-3	24/	9.0-	7-9	1.6	Medium dense, d	ark brown/blad	ck, fine to		3			Slotted
10-		8	11.0	8-9		coarse SAND, so	me Silt, little C	Gravel, Wood,				Sch 4	
						oil-stained Soil. V	Vet. Fill.					(0.01"	
													•
													1
-	S-4 /	0/	14.0-	25/0"	ļ	No recovery.			14.0 11			14'	١,
15-		0 /	14.0	20/0		Bottom of boring a	at 14 feet belo	w ground	'				_
						surface.							ľ
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1 1					l								Ì
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20-					ļ								1,
20-													
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<b>├</b> ──┬─┴			l	L	اـــــا				<del></del>		L		[

Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates no VOCs detected.
 Rock lodged in split spoon tip.
 Black stained soil from 9 to 14 feet below ground surface.
 ODEX to 14 feet below ground surface.

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: GZ-31

REMARKS

		l GZ	, V				Cascade	e Mill - Nexfo	r		Boring No	.: GZ	Z-32
	7	Ge	oEnviron	mental, In ad Scientists	c.			New Hampsh			Page:	1 of .	1
		$\blacksquare + En_{i}$	gineers an	id Scientists	ï			<b>-</b>			File No.: _	234	41
Con	tractor:	Ne	w Hamps	hire Boring	g, Inc.		Auger/				Check:		
				Garside -	}		Casing	Sampler		GROUN	DWATER R	EADINGS	
				ael Filler		Туре: _	HW	SS	Date	Time	Depth	Casing	Stab
Date	Start/F	inish: _	10-3	0-03 / 10-3	0-03	I.D.: _	4 in	1.37 in	11/5/03	10:30	11.8 ft	Well	7 day
Bori	ng Loca	ation: 🚅	See Explo	ration Loca	ation Plan	Hammer Wt.: _	ODEX	140 lb					ļ
GS E	Elev.: _	865.5	ft Dat	tum:1	NGVD	_ Hammer Fall: _		30 in					ļ
			- nia infan	matics		Rig Type: _	СМЕ	750					ļ
اع		Sali	ple Infor	mation	1				<del></del>	10			<u> </u>
Gepth (#3th		Pen./	Depth	Blows	Field Test		Sample		Stratum	Remarks	Equip	nent Insta	alled
	No.	Rec. (in)	(ft)	(/6")	Data	Descript	ion & Classifi	cation	Desc.	L L		Road Bo	×
	0.4			40.42	(ppm)	Danas harris 6-	- t C	AND some		<u> </u>		Cerne	
	S-1	24/ 10	0.0- 2.0	10-12 22-25	NU	Dense, brown, fin Gravel, trace Silt.		AND, Some				0.5'	:116
		, 0				0.4.0, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b>2</b> , <b>y</b> ,					Soil C	uttings
1			1									— 2' — Bento	mita
4												3'	nne
4	i											4'	
5-									FILL				
0	S-2	24/	5.0-	8-4	ND	Medium dense, d	ark brown, fine	e to coarse	· FILL				
-	-	3	7.0	8-10		SAND, some Gra debris/brick, black	vei, trace Siit, estained Soil	Moist Fill				Filter	Sand
4							.,						
_[													
												2" ID (	Slotted
٦								i					0 PVC
10-	S-3	0/	10.0-	20/0"		No recovery.			10.0 ft	2		Well S	Screen
-		0	10.0									(0.01"	Slot)
-									GRAVEL				
1													
1	S-4 /	24/	14.0-	9-5	ND_/	Medium dense, G	RAVEL, some	e fine to coarse	14.0 ft	}		14'	
5-		3_/	16.0	8-15	/	Sand, trace Silt, C Bottom of boring	cobbles. Wet.	araund					
4		}				surface.	at 14 leet belo	w ground					
1													
1													
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0-										1 1			
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		)											
T	م انم؟	amples	Were scre	ened for to	ntal volati	e organic compou	nds (VOCs) II	sing a TEL Mode	1 580B orga	nic vano	r meter refe	enced to	an
!	isobu	tylene-in	-air stand	lard. Total	VOCs de	etected are reporte	d in parts per	million (ppm) in	the "Field To	est Data	" column. "I	ND" indica	tes no
1 2	VOCs	detecte	ed.			·		***					
2	. Split	spoon re	rusal enc	ountered a	t 10 feet l	below ground surfa	ace.						
						•							
1													
ll dent	h measur	ements ar	e approxima	ate. Stratifics	ition lines re	present approximate t	oundary between	soil types, transitio	ns may be area	dual.			
II dept	evel read	ings have	e approxima been made ements wer	at times and	ition lines re under cond	present approximate bitions stated. Fluctuati	oundary between	n soil types, transitio er may occur due to	ns may be grad other factors th	dual. nan those	Boring No	.: GZ-32	<del></del>

Centractor		GZA	-			Cascade	e Mill - Nexfo	r			Boring No	.: GZ	2-33
Contractor:    New Hampshire Boring, Inc.   Auger/ Casing   Sampler   GRONDWATER READINGS   Cloged by   Mighael Filler   1979   1197   SS   Date   1970   Casing   Stephenomenon   1970   Casing   1970   Casi	GZN	GeoEnviron	mental, Inc.		***************************************	Gorham, N	New Hampsh	ire		1	Page:	of .	1
(in) (in) (ppm) (p	Foreman:Logged by:Date Start/Finis Boring Locatio GS Elev.:8	New Hamps	Shire Boring, Garside hael Filler 1-03 / 10-31- hration Locati tum: NO	Inc. -03 on Plan	Type:	Casing HW 4 in ODEX	SS 1.37 in 140 lb 30 in	11/5/03	Tin	UND\	Check: WATER RI Depth	EADINGS Casing	
S-1 15/ 14 1.3 25/4" ND Medium dense, gray/olive, CLAY & SiLT, little CLAY & SILT, little CLAY & SILT, lit	No. R	Rec. Depth		Test Data	Descript		cation	(		Remarks	Equip		
1. Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates no VOCs detected.  2. Split spoon refusal encountered at 1.5 feet below ground surface. ODEX to 2 feet below ground surface. Air-hammered to 21 feet below ground surface.	S-1	16/ 0.0-		ND	fine Sand. Wet.			COBBLES (RIP-RAP)	T	1 🛇		0.5' — Soil C — 3' — Bento — 5' — Filter: — 11' — 2" ID S Sch 4t Well S (0.01"	uttings inite  Sand  Slotted  PVC
	isobutyle VOCs de Z. Split spc	ene-in-air stand etected. oon refusal enc	dard. Total \	al volatil	e organic compou elected are reporte	inds (VOCs) u ed in parts per	sing a TEI Mode million (ppm) in	l 580B orga the "Field T	est D	ata" c	olumn. "N	enced to ND" indica	tes no

		GZ	ZA					e Mill - Nexfo				Boring N	~ , ,	Z-34
-	JL.	Ge En	oEnviron gineers an	imental, Inc ad Scientists	2.		Gorham, I	<u>Vew Hampsh</u>	ire				of	
Fo	reman: _	Ne	ew Hamps Jay (	shire Boring Garside		<del></del>	Auger/ Casing	Sampler		GRO		Check: _	234 READINGS	
Lo	gged by:			nael Filler		Type:		\$\$	Date	Tin		Depth	Casing	Stab
Da	te Start/F	inish: _	11-	3-03 / 11-3-	-03	1.D.:		1.37 in	11/5/03	11:	00	31.6 ft	Well	3 days
Bo	ring Loca	ation: 🚣	See Explo	ration Loca	ition Plar	Hammer Wt.:		140 lb					<del> </del>	
GS	Elev.: _	885.7	ft Dat	tum: <u>N</u>	IGVD			30 in						-
		San	nple Infor	mation		Rig Type:	CIVIE	E 750	ļ					
₽.	_	T	1	1	Field					-	ST.	P		1
Depth	No.	Pen./ Rec. ( in)	Depth (ft)	Blows (/6")	Test Data (ppm)	Descript	Sample ion & Classifi	cation	Stratum Desc.	1	Remarks	Equip	Road Bo	
	S-1	24/ 6	0.0- 2.0	15-18 8-5	ND	Medium dense, t SAND, little (+) O Debris, red Brick	Gravel, trace Si	ilt, Building	SAND		1 🛠		0.5'	ent
									3.0 ft — —				Soil C	Cuttings
5·	S-2A/B	24/ 8	5.0- 7.0	3-2 1-1	ND	Soft, brown/gray, medium Sand, m	clayey SILT, foottled, stratifie	trace fine to ed. Moist.	CLAYEY SI	LT			5.5'	•
					1								Bento	nite
									8.0 ft				0.1	
	-												9'	
10-	_									- [	2			
			1		l						1		1	
	1												:	
	J									i i				
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	4													
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	1										1.		1	
15-	1													
	1													
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								j					Filter	Sand
	1 .												1	
	-								BOULDER	s				
								and the state of t		1				
20-	1									1			1	
	4													
				ĺ						1				
	1												1	
	-													
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25-	-									ļ	- 1			
										1			26'	
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											3	<b>=</b>		
	1 1		1											
т-					L	I							L	
_	1. Soil s	amples	were scre	ened for to	tal volati	le organic compoi	inds (VOCs) u	ising a TEI Mode	1 580B orga	nic va	арог	meter ref	erenced to	an
R	isobu	tylene-ir	n-air stand	dard. Total	VOCs d	etected are report	ed in parts per	million (ppm) in	the "Field T	est D	ata"	column.	"ND" indica	ates no
E	VOC:	s detect	ed.		+ 10	halamana aramata a ma	iaaa							
M A	2. Split	spoon re	erusal end	ountered a	t 10 feet	below ground surface	ace.							
R	3. SOII S	eam en	conneced	1 at 21.5 let	er neiow	ground surface.								
ĸ														
s														
										. ml *				
All de	epth measu	rements a	re approxim	ate. Stratifica	tion lines r under cond	epresent approximate ditions stated. Fluctua	poundary between	n soli types, transitio ter may occur due to	ns may be gra other factors t	idual. Ihan the	ose	Boring k	lo.: GZ-34	
prese	ent at the tin	ne measu	rements wei	re made.			J	,			-	-cing i		

	47/	G7	A	mental Inc		Cascade Mill - Nexfo			Boring No.: Page: 2	GZ-34
		En	gineers an	mental, Inc d Scientists	•	Gorham, New Hampsh	me		File No.:	23441
_		San	ple Infor	mation					Check:	
Depth (ft)	No.	Pen./ Rec. (in)	Depth ( ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks	Equipme	ent Installed
35-							BOULDERS			-2" ID Slotted Sch 40 PVC Well Screen (0.01" Slot)
			·			Bottom of boring at 36 feet below ground surface.	36.0 ft			-36'
40-										•
45		THE THE TAXABLE PROPERTY OF TAXABLE PROPERTY OF TAXABLE PROPERTY OF THE TAXABLE PROPERTY OF TAXABLE PROPER								
50										
55-							· ·			
60-										
		72 74			A THE WAY OF THE PARTY OF THE P					
RE MARK										
S All de Water	level rea	idings have	are approxime been made	e at times and	ation lines i	represent approximate boundary between soil types, transit ditions stated. Fluctuations of groundwater may occur due	ions may be gradual to other factors than	those	Boring No.:	GZ-34

	<u> </u>	GZ GZ	ZA oFnviron	mental, Inc				e Mill - Nexfo			Boring N	o.: <u>G</u>	Z-35
-	T L	En	gineers an	id Scientists	:-		Gorham, i	New Hampsh	ire		Page: File No.:	<u>†</u> of 234	41
		Ne		shire Boring Garside	, Inc.		Auger/ Casing	Sampler		GROUN		· · · · · · · · · · · · · · · · · · ·	
Log	ged by:		Mich	ael Filler		Type: .	HW	SS	Date	Time	Depth	Casing	
Date	Start/	inish: _	11-	4-03 / 11-4	-03	1.D.:	4 in	1.37 in	11/5/03	11:10	40.4 ft	Well	2 days
Bor	ing Loc	ation: 🗳	See Explo	ration Loca	tion Plar	Hammer Wt.:		140 lb					
GS	Elev.: _	889.7	Π Dat	tum:	IGVD			30 in E 750			-	-	ļ
		San	nple Infor	mation		Rig Type:		_ , , , ,				1	
Depth (ft)	No.	Pen./ Rec.	Depth (ft)	Blows (/6")	Field Test Data	Descript	Sample ion & Classifi	onting	Stratum Desc.	Remarks	Equip	ment Insta	
		(in)			(ppm)				Dest.				
-	S-1	8	0.0- 2.0	10-10 10-10	ND	Medium dense, b SAND, some fine Ash. Dry. Fill.				1		Ceme 0.5'	ent
5-	S-2	24/	5.0- 7.0	2-2 2-2	ND	Loose, dark brow some fine Gravel						Soil C	uttings
ů.					E.				SAND FILI	-			
10-	S-3	24/ 3	10.0- 12.0	1/12" 2-1	ND	Very loose, fine to Gravel, trace Silt,							-
-												13'	
15-		- Administration of the Control of t										Bento	nite
10			,						15.5 ft	2			
20-													
_													
4									BOULDER	3			
4												Filter S	Sand
25-						÷						7 11101	Janu
-			All projects and the second se	A PARTICIPATION OF THE PARTICI									
-													
R	isobl VOC	itylene-ir s detecti	n-air stand ed.	dard. Total	VOCs de	le organic compou etected are reporte	unds (VOCs) u ed in parts per	rsing a TEI Mode million (ppm) in	l 580B orga the "Field T	nic vapo est Data	r meter refe " column. '	erenced to 'ND" indica	an ites no
M 2 A R K S	2. Split	spoon re	efusal at 1	5 feet belov	<b>w</b> ground	l surface.							
Water	level read	iings have	re approxim been made ements wer	at times and i	tion lines runder cond	epresent approximate litions stated. Fluctuat	boundary betwee ions of groundwa	n soil types, transitio ter may occur due to	ns may be gra other factors t	dual. han those	Boring N	o.: GZ-35	

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

	.71	GZ Ge	A oEnviron	mental, Inc d Scientists	<b>.</b>	Cascade Mill - Nexfo Gorham, New Hampsh		Boring No.: <u>GZ-3</u> Page: <u>2</u> of
	<i>7 Aug</i>			<del></del>				File No.: 23441
ے ا		San	ple Infor	mation	T			Check:
Depth (ft)	No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Equipment Installe
35-							BOULDERS	34'
40-	,							2" ID Slo Sch 40 P Well Scre (0.01" Sk
45 -						Bottom of boring at 45 feet below ground surface.	45.0 ft	44'
50 -								
55-	· ·				The state of the s			
30-				-				
II depti	evel readi	ngs have l	e approxima been made e ements were	at times and u	ion lines re inder condi	present approximate boundary between soil types, transitio lions stated. Fluctuations of groundwater may occur due to	ns may be gradual. other factors than the	Boring No.: GZ-35

		1.62	7.A				Cascad	e Mill - Nexfo	r		Boring No	o.:G	Z-36
	77	Ğ	oEnviron	mental, Ind and Scientists	c <b>.</b>		Gorham, I	New Hampsh			Page:	of	1
4		1 En	gineers ar	nd Scientists						***************************************	File No.:	234	41
Coi	ntractor:	Ne	ew Hamps	shire Boring	, Inc.		Auger/				Check: _		
For	eman:		Jay (	Garside			Casing	Sampler		GROUN	DWATER F	READINGS	j
Loc	aed by:		Mich	nael Filler		Type:		SS	Date	Time	Depth	Casing	Stab
Dat	e Start/F	inish: _	11-	<u>-4-03 / 11-4</u>	<del>-</del> 03	I.D.:	4 in	1.37 in	11/5/03	12:00	4.1 ft	Well	2 days
Bor	ina Loc	ation:	See Explo	ration Loca	ition Plan	Hammer Wt.:	ODEX	140 lb					
GS	Elev.:	894.6	ftDa	tum:	NGVD	Hammer Fall:		30 in					
	1					Rig Type:	CME	750					
_		San	nple Infor	mation	1				,				<u></u>
Depth (ft)	No.	Pen./ Rec. ( in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Descript	Sample ion & Classifi	cation	Stratum Desc.	Remarks	Equip	Road Bo	
	S-1	24/ 13	0.0- 2.0	9-7 12-12	ND	Medium dense, f fine Gravel, trace				1		Ceme 0.5' Soil C	ent Cuttings
-												2' Bento	nite
												4'	
5-	1		]				•			2	目 -	Filter	Sand
-									SAND FILI	-	冒		•
_													Slotted
-													0 PVC Screen
10						and the state of t						(0,01	
10-										3		`	,
-			1								目		
-											·	12'	
_						Bottom of boring	at 12.5 feet be	elow ground	12.5 fPROBABI BEDROCK	E			
_						surface.							
15-													
5-													
-													
-													
-					] .				!	***			
20													
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25-													
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7													
					L			1	***				
	1. Soil s	amples	were scre	eened for to	tal volati	le organic compoi	unds (VOCs) u	sing a TEI Mode	I 580B orga	nic vapo	r meter refe	erenced to	an
R   E		itylene-ii s detecti		dard. Total	VOCs de	etected are report	ed in parts per	million (ppm) in	the "Field T	est Data	" column. "	MD Iudica	ites no
M	2. The	DDEX bi	it could no	t be discor	nected fi	rom the casing dri	ve shoe, so sp	olit spoon samplir	ng was disc	ontinued			
A   :	3. Bould	lers enc	ountered	at 10 feet b	low grou	nd surface.	, .,	•					
R K													
s													

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

		GZ	7. A				Cascade	Mill - Nexfo	r		Boring No	o.:GZ	-37
	7L	<b>♣</b>   Ge	oEnviron	mental, Inc	2.		Gorham, N	lew Hampsh	ire		Page:	of .	
			-	nd Scientists							File No.:		
Con	tractor:	Ne		shire Boring	, Inc.		Auger/	Sampler			Check:	<del></del>	
Fore	eman: _			Garside			Casing		D-4-		IDWATER R		5/ 1
Log	ged by:		11-	iael Filler 4-03 / 11-4	_n3	Type:	HW 4 in	SS 1.37 in	Date	Time	Depth	Casing	Stab
Bori	o Starur	ation: _	See Explo	ration Loca	tion Plan	Hammer Wt.:	ODEX	140 lb					
GS	Elev.:	894.5	ft Dat	tum: N	(GVD	Hammer Fall:		30 in					<del></del>
						Rig Type:	СМЕ	750					
اء		San	nple Infor	mation			·····		T	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		<u></u>	
Depth (ft)	No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Descript	Sample tion & Classific	ation	Stratum Desc.	Remarks	Equip	ment Insta	illed
	S-1	24/	0.0-	2-2	ND	Loose, brown, fir	ne to medium S	AND, trace		1		No	
-		20	2.0	5-7		Gravel, trace Silt	. Moist. Fill.					quipment	
_	S-2	24/ 24	2.0- 4.0	<b>4-6</b> 8-5	ND	Medium dense, o medium SAND, I stained Soil. Mo	ittle Gravel, tra		SAND FILI			Installed	
5-	S-3	24/ 20	4.0- 6.0	3-3 12-18	ND	Medium dense, b some Gravel, so weathered Rock.	me Silt, stained						
	S-4		6.0			No sample. Bottom of boring	at C fast balou	around	6.0 fPROBABLI BEDROCK				
						surface. Split sp							ı
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REM ARKS	isobu	samples itylene-ir s detecte	n-air stand	eened for to lard. Total	tal volati VOCs de	le organic compot etected are reporte	unds (VOCs) u ed in parts per	sing a TEI Mode million (ppm) in	el 580B orga the "Field T	nic vapo est Data	r meter refe " column. "	renced to a	an tes no

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

SOIL BL WELL LOGS CASCADE GPJ GZA NH.GDT 12/9/03

Boring No.: GZ-37

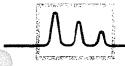
Section of

		L I GZ	ZA.				Cascad	<u>e Mill - Nexfor</u>	-		Boring No	o.:GZ	-38
	1L	Ge	oEnviron	mental, Ind Scientists	c.		Gorham, I	New Hampshi	ire		Page:	of _	1
								•				2344	
				shire Boring	ı, Inc.	****	Auger/	Sampler					
				Garside			Casing	SS	Data		DWATER F		C4- h
Log	ged by:		11_	ael Filler 4-03 / 11-4	_03	_ Type: _	HW 4 in		Date	Time	Depth	Casing	Stab
Dat	e Starti	-inish: _	See Eynin	ration I oca	tion Plan								
Boi	ing Loc	ation: 893 8	ft Dat	tum.	IGVD	Hammer vvt.: _ Hammer Fall: _	ODEX	30 in					
	E16A': -		Dat	.uiii		nammer ram n Rin Type:	СМЕ	= 750					
		San	nple Infor	mation		Mg Type.							
££		Pen./			Field					Ş	Equip	ment Insta	lled
Depth (ft)	No.	Rec.	Depth (ft)	Blows (/6")	Test Data (ppm)	Descripti	Sample ion & Classifi	cation	Stratum Desc.	Remarks			
	S-1	24/	0.0-	18-26	ND	Very dense, dark	brown/black,	fine to coarse		1	_	No	
-	1	24	2.0	50-35		SAND, some (+) black-stained Soi	Gravel, trace	Silt,	FILL			quipment Installed	
-	S-2	12/	2.0-	15-14	ND	Black, fine to coa		1	1 16-6-			mstaneu	
_	3-2	12	3.0	13-14	NU	trace Silt. Ash. M	loist, Fill.	. ]					
					1	Bottom of boring	at 3 feet belov	v grouna 🔰	3.0 fPROBABL BEDROCK				
-	1					surface. Split spo	oon refusal en	countered.					
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REMARKS	isobu	amples tylene-in s detecte	ı-air stand	ened for to ard. Total	tal volatil VOCs de	e organic compou tected are reporte	nds (VOCs) u d in parts per	sing a TEI Model million (ppm) in t	580B orga the "Field T	nic vapor est Data'	meter refe column. "	renced to a ND" indicat	in es no
						present approximate b							
<b>Vater</b> €	level read	ings have	been made ements were	at times and u	inder condi	tions stated. Fluctuation	ons of groundwat	er may occur due to	other factors to	han those	Boring N	o.: GZ-38	

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Appendix C
WAS NOT COPIED FROM
DES FILES AT THIS
TIME.

# APPENDIX D ANALYTICAL LABORATORY REPORTS – SOIL



professional libraratory services

TEL 608 E0940909 - E 800 09740525 - PANY 609 E99 (200)

Steven Lamb GZA GeoEnvironmental, Inc. (NH) 380 Harvey Road Manchester, NH 03103

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 38915

Client Identification: Burgess Mill / 23441

> Date Received: 10/17/2003

Dear Mr. Lamb:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports: Solid samples are reported on a dry weight basis, unless otherwise noted

"less than" followed by the reporting limit

TNR: Testing Not Requested

None Detected, no established detection limit ND:

RL: Reporting Limits %R: % Recovery

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

	Louani Olashan	11.10.03	9
	Lorraine Olashaw, Lab Director	Date	# of pages (excluding cover letter)
Easter	n Analytical, Inc. 25 Chenell Drive, Concord, NH 03301	www.eailabs.com	TEL 503 229-0928   1 800 097-0525   FAM 603 .



#### SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Temperature upon receipt (°C): 11.

Received on ice or cold packs (Yes/No): Y

Lab ID	SampleID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
38915.01	SS-1 (0-6')	10/17/03	10/16/03	soil	95.5	Adheres to Sample Acceptance Policy
38915.02	SS-17 (0-6')	10/17/03	10/17/03	soil	94.7	Adheres to Sample Acceptance Policy
38915.03	SS-18 (0-6')	10/17/03	10/17/03	soil	92.0	Adheres to Sample Acceptance Policy
38915.04	SS-5 (0-6')	10/17/03	10/16/03	soil	83.4	Adheres to Sample Acceptance Policy
38915.05	SS-8 (0-6')	10/17/03	10/16/03	soil	67.9	Adheres to Sample Acceptance Policy
38915.06	SS-11 (0-6')	10/17/03	10/16/03	soil	87.9	Adheres to Sample Acceptance Policy
38915.07	SS-15 (0-6')	10/17/03	10/16/03	soil	89.4	Adheres to Sample Acceptance Policy
38915.08	GZ-1 (5-7')	10/17/03	10/14/03	soil	83.3	Adheres to Sample Acceptance Policy
38915.09	GZ-7 (0-2')	10/17/03	10/16/03	soil	86.7	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Itibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.



Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

			_				•
Sample ID:	SS-1 (0-6')	SS-17 (0-6')	SS-18 (0-6')	SS-5 (0-6')	SS-8 (0-6')	SS-11 (0-6')	SS-15 (0-6')
Lab Sample ID:	38915.01	38915.02	38915.03	38915.04	38915.05	38915.06	38915.07
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	10/16/03	10/17/03	10/17/03	10/16/03	10/16/03	10/16/03	10/16/03
Date Received:	10/17/03	10/17/03	10/17/03	10/17/03	10/17/03	10/10/03	10/10/03
•	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
Units:	10/22/03		10/22/03	10/22/03	-		ug/kg
Date of Analysis:		10/22/03			10/22/03	10/22/03	10/22/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	1	1	1	1	1
Dichlorodifluoromethane	< 200	< 200	< 200	< 300	< 200	< 200	< 200
Chloromethane	< 200	< 200	< 200 < 100	< 300 < 100	< 200	< 200	< 200
Vinyl chloride Bromomethane	< 100 < 200	< 100 < 200	< 200	< 300	< 100 < 200	< 100 < 200	< 100 < 200
Chloroethane	< 200	< 200	< 200	< 300	< 200	< 200	< 200
Trichlorofluoromethane	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Diethyl Ether	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Acetone	< 2000	< 2000	< 2000	< 3000	< 2000	< 2000	< 2000
1,1-Dichloroethene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
tert-Butyl Alcohol (TBA)	< 2000	< 2000	< 2000	< 3000	< 2000	< 2000	< 2000
Methylene chloride	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon disulfide	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl-t-butyl ether(MTBE) Ethyl-t-butyl ether(ETBE)	< 100 < 200	< 100 < 200	< 100 < 200	< 100 < 300	< 100 < 200	< 100 < 200	< 100 < 200
Isopropyl ether(DIPE)	< 200	< 200	< 200	< 300	< 200	< 200	< 200
tert-amyl methyl ether(TAME)	< 200	< 200	< 200	< 300	< 200	< 200	< 200
trans-1,2-Dichloroethene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,1-Dichloroethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
2,2-Dichloropropane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
cis-1,2-Dichloroethene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
2-Butanone(MEK)	< 500	< 500	< 500	< 600	< 500	< 500	< 500
Bromochloromethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Tetrahydrofuran(THF) Chloroform	< 500 < 50	< 500 < 50	< 500 < 50	< 600 < 60	< 500 < 50	< 500 < 50	< 500 < 50
1,1,1-Trichloroethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50 < 50
Carbon tetrachloride	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1.1-Dichloropropene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Benzene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,2-Dichloroethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Trichloroethene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,2-Dichloropropane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Dibromomethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
3romodichloromethane	< 50 < 500	< 50	< 50	< 60 < 600	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK) cis-1,3-Dichloropropene	< 50	< 500 < 50	< 500 < 50	< 60	< 500 < 50	< 500 < 50	< 500 < 50
Foluene	< 50	< 50	< 50	< 60	< 50	< 50	< 50 < 50
rans-1,3-Dichloropropene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,1,2-Trichloroethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
2-Hexanone	< 500	< 500	< 500	< 600	< 500	< 500	< 500
etrachloroethene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
,3-Dichloropropane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Dibromochloromethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
,2-Dibromoethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Chloro benzene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
,1,1,2-Tetrachloroethane Ethylbenzene	< 50 <b>600</b>	< 50 < 50	< 50 < 50	< 60 < 60	< 50 < 50	< 50 < 50	< 50 < 50
TO MIDGING III	600	< 50	< 50	< 00	< 50	< 50	< 50

eastern analytical, inc.

www.eailabs.com

Phone: (603) 228-0525



Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Burgess Mill / 23441

Sample ID:	SS-1 (0-6')	SS-17 (0-6')	SS-18 (0-6')	SS-5 (0-6')	SS-8 (0-6')	SS-11 (0-6')	SS-15 (0-6
Lab Sample ID:	38915.01	38915.02	38915.03	38915.04	38915.05	38915.06	38915.q
Matrix:	soil	soil	soil	soil	soil	soil	sa
Date Sampled:	10/16/03	10/17/03	10/17/03	10/16/03	10/16/03	10/16/03	10/16/0:
Date Received:	10/17/03	10/17/03	10/17/03	10/17/03	10/17/03	10/17/03	10/17/Q
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/k
	10/22/03		10/22/03	10/22/03	10/22/03	10/22/03	
Date of Analysis:		10/22/03					10/22/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	JD
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260
Dilution Factor:	1	. 1	1	1	1	1	1
mp-Xylene	2100	< 50	< 50	< 60	< 50	60	< 5
o-Xylene	1400	< 50	< 50	< 60	< 50	60	< 5
Styrene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
Bromoform	< 50	< 50	< 50	< 60	< 50	< 50	• < 50
iso-Propylbenzene	380	< 50	< 50	< 60	< 50	< 50	< 5
Bromobenzene	< 50	< 50	< 50	< 60	< 50	< 50	ं< 5
1,1,2,2-Tetrachloroethane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,2,3-Trichloropropane	< 50	< 50	< 50	< 60	< 50	< 50	< 50
n-Propylbenzene	1100	< 50	< 50	< 60	< 50	< 50	< 5
2-Chlorotoluene	< 50	< 50	< 50	< 60	< 50	< 50	< 5
4-Chlorotoluene	< 50	< 50	< 50	< 60	< 50	< 50	< 50
1,3,5-Trimethylbenzene	1900	< 50	< 50	< 60	< 50	< 50	< 50
tert-Butylbenzene	< 50	< 50	< 50	< 60	< 50	< 50	< 5
1,2,4-Trimethylbenzene	6000	< 50	< 50	< 60 < 60	< 50 < 50	< 50	< 5
sec-Butylbenzene	<b>760</b> < 50	< 50 < 50	< 50 < 50	< 60	< 50 < 50	< 50 < 50	< 50
1,3-Dichlorobenzene		< 50 < 50	< 50 < 50	< 60	< 50 < 50	< 50 < 50	< 50
p-isopropyltoluene	<b>600</b> < 50	< 50 < 50	< 50 < 50	< 60	< 50 < 50	< 50 < 50	< 5°
1,4-Dichlorobenzene	< 50 < 50	< 50 < 50	< 50 < 50	< 60	< 50 < 50	< 50 < 50	< 50 < 50
1,2-Dichlorobenzene n-Butylbenzene	1800	< 50 < 50	< 50°	< 60	< 50 < 50	< 50 < 50	< 50
1,2-Dibromo-3-chloropropane	< 50	< 50 < 50	< 50	< 60	< 50	< 50	< 50°
1,2-Dibromo-3-Chloropropane 1,2,4-Trichlorobenzene	< 50	< 50	< 50	< 60	< 50	< 50	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
dexachlorobutadiene	< 50	< 50	< 50	< 60	< 50	< 50	< 5 < 5 U
Naphthalene	3000	< 300	< 300	< 400	< 300	< 300	< 300
1,2,3-Trichlorobenzene	< 50	< 50	< 50	< 60	< 50	< 50	< 5°

SS-1 (0-6'): The value for n-butylbenzene may be elevated due to non-target interference.



Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Burgess Mill / 23441

Sample ID:	GZ-1 (5-7')	GZ-7 (0-2')
Lab Sample ID:	38915.08	38915.09
Matrix:	soil	soil
Date Sampled:	10/14/03	10/16/03
Date Received:	10/17/03	10/17/03
Units:	ug/kg	ug/kg
Date of Analysis:	10/22/03	10/22/03
Analyst:	JDS	JDS
Method:	8260B	8260B
Dilution Factor:	1	1
Distriction ractor.	·	•
Dichlorodifluoromethane	< 200	< 200
Chloromethane	< 200	< 200
Vinyl chloride	< 100 < 200	< 100 < 200
Bromomethane Chloroethane	< 200	< 200
Trichlorofluoromethane	< 200	< 200
Diethyl Ether	< 50	< 50
Acetone	< 2000	< 2000
1,1-Dichloroethene	< 50	< 50
tert-Butyl Alcohol (TBA)	< 2000	< 2000
Methylene chloride	< 100	< 100
Carbon disulfide	< 100	< 100
Methyl-t-butyl ether(MTBE)	< 100	< 100
Ethyl-t-butyl ether(ETBE)	< 200	< 200
Isopropyl ether(DIPE) tert-amyl methyl ether(TAME)	< 200 < 200	< 200 < 200
trans-1,2-Dichloroethene	< 50	< 50
1,1-Dichloroethane	< 50	< 50
2,2-Dichloropropane	< 50	< 50
cis-1,2-Dichloroethene	< 50	< 50
2-Butanone(MEK)	< 500	< 500
Bromochloromethane	< 50	< 50
Tetrahydrofuran(THF)	< 500	< 500
Chloroform	< 50 < 50	< 50
1,1,1-Trichloroethane Carbon tetrachloride	< 50	< 50 < 50
1,1-Dichloropropene	< 50	< 50
Benzene	< 50	< 50
1,2-Dichloroethane	< 50	< 50
Trichloroethene	< 50	< 50
1,2-Dichloropropane	< 50	< 50
Dibromomethane	< 50	< 50
Bromodichloromethane	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 500 < 50	< 500
cis-1,3-Dichloropropene Toluene	< 50	< 50 < 50
trans-1,3-Dichloropropene	< 50	< 50
1,1,2-Trichloroethane	< 50	< 50
2-Hexanone	< 500	< 500
Tetrachloroethene	< 50	< 50
1,3-Dichloropropane	< 50	< 50
Dibromochloromethane	< 50	< 50
1,2-Dibromoethane	< 50	< 50
Chlorobenzene	< 50	< 50
1,1,1,2-Tetrachloroethane	< 50	< 50
Ethylbenzene	< 50	< 50



Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Sample ID:	GZ-1 (5-7')	GZ-7 (0-2')
Lab Sample ID:	38915.08	38915.09
Matrix:	soil	soil
Date Sampled:	10/14/03	10/16/03
Date Received:	10/17/03	10/17/03
Units:	ug/kg	ug/kg
Date of Analysis:	10/22/03	10/22/03
Analyst:	JDS	JDS
Method:	8260B	8260B
Dilution Factor:	1	1
mp-Xylene o-Xylene Styrene Bromoform iso-Propylbenzene Bromobenzene 1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-isopropyltoluene 1,4-Dichlorobenzene n,4-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Hexachlorobutadiene	< 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50	< 50 < 50 < 50 < 50 < 50 < 50 < 50 < 50
1,2,4-Trichlorobenzene	< 50	



Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Sample ID:	SS-1 (0-6')	SS-17 (0-6')	SS-18 (0-6')	SS-5 (0-6')	SS-8 (0-6')	SS-15 (0-6')	GZ-1 (5-7')	GZ-7 (0-2')
Lab Sample ID:	38915.01	38915.02	38915.03	38915.04	38915.05	38915.07	38915.08	38915.09
Matrix:	soil	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	10/16/03	10/17/03	10/17/03	10/16/03	10/16/03	10/16/03	10/14/03	10/16/03
Date Received:	10/17/03	10/17/03	10/17/03	10/17/03	10/17/03			
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Date of Extraction/Prep:	10/21/03	10/21/03	10/21/03	10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Date of Analysis:	10/23/03	10/23/03	10/23/03	10/23/03	10/23/03	10/23/03	10/24/03	10/23/03
Analyst:	LLS	LLS	LLS	LLS	LLS	LLS	LLS	LLS
Method:	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Dilution Factor:	5	1	1	1	1	1	1	. 1
N	2000	< 40	< 40	60	< 50	< 40	< 40	* 70
Naphthalene 2-Methylnaphthalene	3600 27000		< 40	60 170	< 50	< 40	110	70 70
Acenaphthylene	< 200		< 40	< 40	< 50	< 40	< 40	100
Acenaphthene	< 200		< 40	< 40	< 50	130	< 40	100
Fluorene	2000		< 40	< 40	< 50	110	380	80
Phenanthrene	2400		130	140	170	1400	< 40	1900
Anthracene	< 200	< 40	< 40	50	90	320	< 40	520
Fluoranthene	< 200	40	180	240	630	2400	150	9600
Pyrene	800	< 40	170	190	600	2100	140	9400
Benzo[a]anthracene	< 200	< 40	110	120	520	1300	< 40	7500
Chrysene	< 200	< 40	120	430	760	1400	< 40	8300
Benzo[b]fluoranthene	< 200	< 40	150	270	950	1600	< 40	12000
Benzo[k]fluoranthene	< 200	< 40	60	120	510	610	< 40	4900
Benzo[a]pyrene	< 200		110	60	490	1100	< 40	6500
Indeno[1,2,3-cd]pyrene	< 200		< 40	< 40	160	300	< 40	1800
Dibenz[a,h]anthracene	< 200	< 40	< 40	< 40	< 50	< 40	< 40	< 40
Benzo[g,h,i]perylene	< 200	< 40	70	< 40	150	250	< 40	1400

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Eastern Analytical, Inc. ID#:

38915

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Sample ID: GZ-1 (5-7') GZ-7 (0-2')

38915.08 38915.09 Lab Sample ID: Matrix: soil soil 10/14/03 10/16/03 Date Sampled: 10/17/03 10/17/03 Date Received: Units: mg/kg mg/kg Date of Extraction/Prep: 10/21/03 10/21/03 10/23/03 10/23/03 Date of Analysis: JTO JTO Analyst: Method: 8015BDRO 8015BDRO **Dilution Factor:** 

DRO(Diesel Range Organics C10-C28)

2400

270



Eastern Analytical, Inc. ID#:

38915

Client:	GZA GeoEnvironmenta	al, Inc. (NH)	Client Designation:	Burgess Mill	/ 23441		
Sample ID:	SS-5 (0-6')	GZ-1 (5-7')					et armetera en en en en en en en en en en en en en
Lab Sample ID:	38915.04	38915.08					
Matrix:	soil	soil					
Date Sampled:	10/16/03	10/14/03			Date of		
Date Received:	10/17/03	10/17/03		Units	Analysis	Method	Analys
Arsenic	27	4.9		mg/kg	10/23/03	6020	DS
Barium	79	18		mg/kg	10/23/03	6020	DS
Cadmium	< 0.5	< 0.5	,	mg/kg	10/23/03	6020	DS
Chromium	13	3.3		mg/kg	10/23/03	6020	DS
Lead	· 16	140		mg/kg	10/23/03	6020	DS
Mercury	0.8	0.3		mg/kg	10/23/03	6020	DS
Selenium	7.4	1.2		mg/kg	10/23/03	6020	DS
Silver	< 0.5	< 0.5		mg/kg	10/23/03	6020	DS

Sample ID:	GZ-7 (0-2)
Lab Sample ID:	38915.09
Matrix:	soil

macrix.	30,1
Date Sampled:	10/16/03
Date Received:	10/17/03
Arsenic	7.1
Barium	81
Cadmium	1.4
Chromium	13
Lead	150
Mercury	18
Selenium	2.9
Silver	< 0.5

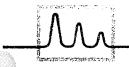
Units	Date of Analysis	Method	Analys <sup>,</sup>
mg/kg	10/23/03	6020	DS
mg/kg	10/23/03	6020	DS
mg/kg	10/23/03	6020	DS
mg/kg	10/23/03	6020	DS
mg/kg	10/23/03	6020	- DS
mg/kg	10/24/03	6020	DS
mg/kg	10/23/03	6020	DS
mg/kg	10/23/03	6020	DS

WEB: www.eallabs.com / FA

NH 03301 / TEL (603) 228-0525 / 1-800-287-0525 3) 228-4591 / E-Mail: customer\_service@eailabs.com

## CHAIN-OF-CUSTODY RECORD

Page of	_													1156	)UE	STE	D)	AN	AL	/SE	S	(FEE) (A)													
SAMPLE 1.D.	SAMPLING DATE / TIME	MATRIX A-Air S-Soil GW - Ground W. SW - Surface W. DW - Drinking W. WW - Waste W.	CINHSSA.2 CISSA:2 CISSA28TEX CISSA2MTBE MAY	097EL	☐ NH Pet, Short List ☐ 8021B Armatics	ONH Haz. W. Short List O 80218 Haios	☐ 624 ☐ 601/602 ☐ 601 ☐ 602	☐ Methane ☐ Meth/Ethana/Ethene	O MEGRO CI NHGRO	C) MAVPH Fud	CL625 CLABN	D 8270C O ABN SEPAN O A O BN				CIMEDRO CINHDRO				O Merats ub-Herb		Total Metals	1 TS CI TSS CI TDS CI TSS CI T	JBr CICI CIF CINO2 CINO3 ISO4	Comption Spec Con Complicity	C 800 C C800	C T. Alk, C Bleath, Alk, C Cath, Alk	D TKN D NH3 D T. Phos.	Ortho Phos. D. T. Res. Chlorine	COD C Phenots Toc	Total Oyanide     Total Sulfide	Reactive Cyanide     Reactive Sulfide	G Rashpoini G Ignilakiliy	D. T. Collorm O.E. Collorm  D. F. Collorm	D F Strep C Enteropsus
SS-1 (06")	10/16 0600	S		1								J																							
55-17-(0-61)	igi1+ 0900			J								/																				<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	Ī		
SS-18(06°)	10/17 0330			J				-				1																							
SS-5 (0-6°)	10/16 1000			J								1										1													
SS-8 (0-6)·	j100			1								1																							
55-11 (0-6)	1206			J																															
SS-15 (0-6-Y	1330			J								j																							
GZ-1 (5-7-)	1 64°			J				<del></del>				1				1						1													
GZ-7(0-2)	10/16 1500	L_L_		J								1				1						J													
PRESERVATIVE: H-HCI; N-H H2SO4; Na-NaOH; M-ME	Ю3; S- ОН			M								-																							
PROJECT MANAGE	ER: <u>Ste</u>	ve lar	nb					<b>S</b>	8 RC	RA N	letals	ξ	J Fe,	Mn		13 PP	Met	als		RE	SUL	TS N	EED	ED B	Υ		inse enteren	(Annual Marchael	Maramani						
COMPANY:G							Othe	r Met												(Gu	er arante	nter pr	eferre I tuman	d date	eds pre	de	val)	AT			Adhe	red to	USE : EPA F	rotoc	los
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E-MAIL: Stenbe Gze. com  SITE NAME: Bugess mill												***************************************		 ler i	10	an	Kir	Klon	— م	\	^	$\alpha \wedge$													
	PROJECT # 2344/														-				A	M	W	hill	al	1	10-	17-0	3/6	vc c∽ 20 Tin	L	M	$_{2}/l_{s}$	W	rupo	$\mathbb{U}$	
STATE: MINH	•	Ovr O	OTHE	R																Reli	nquis	hed b	y			Da	te		Tin	ne 🗀			Rece	vet t	Эÿ
Site Investigation		e Remediation																•		Reli	nquis	hed b	у	***************************************		Da	te	·····	Tin	ne			Rece	ved t	Эy
☐ Waste Characterization/Profile					eno con c	Vannovija,	par.	White engine		gill trade (Control		, Marie Land						Reli	nquis	hed b	у	······································		Da	te		Tin	ne			Recei	ved b	<u>-</u> о		



professional laboratory services

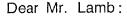
Steven Lamb GZA GeoEnvironmental, Inc. (NH) 380 Harvey Road Manchester, NH 03103

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 39061

> Client Identification: Burgess Mill / 23441

> > Date Received: 10/27/2003



Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

"less than" followed by the reporting limit

TNR: Testing Not Requested

ND: None Detected, no established detection limit

RL: Reporting Limits

% Recovery %R:

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Eastern Analytical, Inc. 25 Charall Davis, Concord, NH 0350!

Date

www.eailabs.com

# of pages (excluding cover letter)

TEL 603-028-0525 | 1-800-287-0525 | FAX 603-228-4591

Lorraine Olashaw, Lab Director



#### SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Temperature upon receipt (°C): 2.6

Received on ice or cold packs (Yes/No): Y

ab ID	SampleID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
9061.01	SS-19	10/27/03	10/20/03	soil	92.0	Adheres to Sample Acceptance Policy
9061.02	SS-20	10/27/03	10/20/03	soil	86.0	Adheres to Sample Acceptance Policy
9061.03	SS-21	10/27/03	10/22/03	soil	86.3	Adheres to Sample Acceptance Policy
9061.04	SS-23	10/27/03	10/22/03	soil	95.2	Adheres to Sample Acceptance Policy
9061.05	SS-24	10/27/03	10/22/03	soil	94.8	PAH: sample was not recieved in a glass container
9061.06	SS-26	10/27/03	10/22/03	soil	93.8	Adheres to Sample Acceptance Policy
3061.07	SS-27	10/27/03	10/22/03	soil	78.1	Adheres to Sample Acceptance Policy
9061.08	SS-28	10/27/03	10/22/03	soil	95.1	Adheres to Sample Acceptance Policy
9061.09	SS-29 <sub>.</sub>	10/27/03	10/22/03	soil	93.2	Adheres to Sample Acceptance Policy
1061.1	SS-30	10/27/03	10/22/03	soil	88.0	Adheres to Sample Acceptance Policy

arrales were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, ity, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

eastern analytical, inc.

www.eailabs.com

Phone: (603) 228-0525



Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Burgess Mill / 23441

Sample ID:	SS-19	SS-20	SS-21	SS-23	SS-24	SS-26	SS-27
Lab Sample ID:	39061.01	39061.02	39061.03	39061.04	39061.05	39061.06	39061.07
Matrix:	soil	soil	soil	soil	soil	soil	
	10/20/03						soil
Date Sampled: Date Received:	10/20/03	10/20/03 10/27/03	10/22/03 10/27/03	10/22/03 10/27/03	10/22/03 10/27/03	10/22/03 10/27/03	10/22/03
							10/27/03
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Date of Analysis:	10/29/03	10/29/03	10/30/03	10/30/03	10/30/03	10/30/03	10/30/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	2	. 1	1	1	1	1	1
Dichlorodifluoromethane	< 400	< 200	< 200	< 200	< 200	< 300	< 300
Chloromethane	< 400	< 200	< 200	< 200	< 200	< 300	< 300
Vinyl chloride	< 200 < 400	< 100 < 200	< 100	< 100	< 100	< 100	< 100 < 200
Bromomethane Chloroethane	< 400	< 200 < 200	< 200 < 200	< 200 < 200	< 200 < 200	< 300 < 300	< 300 < 300
Trichlorofluoromethane	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Diethyl Ether	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Acetone	< 4000	< 2000	< 2000	< 2000	< 2000	< 3000	< 3000
1,1-Dichloroethene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
tert-Butyl Alcohol (TBA)	< 4000	< 2000	< 2000	< 2000	< 2000	< 3000	< 3000
Methylene chloride Carbon disulfide	< 200 < 200	< 100 < 100	< 100 < 100	< 100 < 100	< 100 < 100	< 100 < 100	< 100 < 100
Methyl-t-butyl ether(MTBE)	< 200	< 100	< 100	< 100	< 100	< 100	< 100
Ethyl-t-butyl ether(ETBE)	< 400	< 200	< 200	< 200	< 200	< 300	< 300
Isopropyl ether(DIPE)	< 400	< 200	< 200	< 200	< 200	< 300	< 300
tert-amyl methyl ether(TAME)	< 400	< 200	< 200	< 200	< 200	< 300	< 300
trans-1,2-Dichloroethene	< 90 < 90	< 50	< 60 < 60	< 50 < 50	< 50 < 50	< 70 < 70	< 70
1,1-Dichloroethane 2,2-Dichloropropane	< 90	< 50 < 50	< 60	< 50 < 50	< 50 < 50	< 70	< 70 < 70
cis-1,2-Dichloroethene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
2-Butanone(MEK)	< 900	< 500	< 600	< 500	< 500	< 700	< 700
Bromochloromethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Tetrahydrofuran(THF)	< 900	< 500	< 600	< 500	< 500	< 700	< 700
Chloroform 1.1.1-Trichloroethane	< 90 < 90	< 50 < 50	< 60 < 60	< 50 < 50	< 50 < 50	< 70 < 70	< 70
Carbon tetrachloride	< 90 < 90	< 50	< 60	< 50	< 50	< 70	< 70 < 70
1,1-Dichloropropene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Benzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,2-Dichloroethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Trichloroethene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,2-Dichloropropane Dibromomethane	< 90 < 90	< 50 < 50	< 60 < 60	< 50 < 50	< 50 < 50	< 70 < 70	< 70 < 70
Bromodichloromethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70 < 70
4-Methyl-2-pentanone(MIBK)	< 900	< 500	< 600	< 500	< 500	< 700	< 700
cis-1,3-Dichloropropene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Toluene	90	90	< 60	< 50	< 50	< 70	< 70
trans-1,3-Dichloropropene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,1,2-Trichloroethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
2-Hexanone Tetrachloroethene	< 900 < 90	< 500 < 50	< 600 < 60	< 500 < 50	< 500 < 50	< 700 < 70	< 700 < 70
1,3-Dichloropropane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Dibromochloromethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,2-Dibromoethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Chlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,1,1,2-Tetrachloroethane	< 90 < 90	< 50 < 50	< 60 < 60	< 50 < 50	< 50 < 50	< 70 < 70	< 70
Ethylbenzene	< 90	> 50	> 00	> 50	~ 50	~ /0	< 70

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Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Burgess Mill / 23441

Sample ID:	SS-19	SS-20	SS-21	SS-23	SS-24	SS-26	SS-2
	:			•			
Lab Sample ID:	39061.01	39061.02	39061.03	39061.04	39061.05	39061.06	39061.0
Matrix:	soil	soil	soil	soil	soil	soil	so
Date Sampled:	10/20/03	10/20/03	10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Date Received:	10/27/03	10/27/03	10/27/03	10/27/03	10/27/03	10/27/03	10/27/0
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/ke
Date of Analysis:	10/29/03	10/29/03	10/30/03	10/30/03	10/30/03	10/30/03	10/30/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	JD\$
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260
Dilution Factor:	2	. 1	1	. 1	1	1	1
mp-Xylene	340	< 50	< 60	< 50	< 50	< 70	< 70
o-Xylene	260	< 50	< 60	< 50	< 50	< 70	< 71
Styrene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Bromoform	< 90	< 50	< 60	< 50	< 50	< 70	* < 7ଦ
iso-Propylbenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Bromobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,1,2,2-Tetrachloroethane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,2,3-Trichloropropane	< 90	< 50	< 60	< 50	< 50	< 70	< 70
n-Propylbenzene	100	< 50	< 60	< 50	< 50	< 70	< 70
2-Chlorotoluene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
4-Chlorotoluene	< 90	< 50 < 50	< 60 < 60	< 50 < 50	< 50 < 50	< 70 < 70	< 70 < 70
1,3,5-Trimethylbenzene	<b>770</b> < 90	< 50 < 50	< 60	< 50°	< 50 < 50	< 70	< 70
tert-Butylbenzene	2000	<b>80</b>	< 60	< 50	< 50	< 70	< 7
1,2,4-Trimethylbenzene	100	< 50	< 60	< 50	< 50	80	< 70
sec-Butylbenzene 1.3-Dichlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
o-isopropyltoluene	180	60	< 60	< 50	< 50	210	< 71
1.4-Dichlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 7
1,4-Dichlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
n-Butylbenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
1,2-Dibromo-3-chloropropane	< 90	< 50	< 60	< 50	< 50	< 70	< 74
1,2,4-Trichlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 7
dexachlorobutadiene	< 90	< 50	< 60	< 50	< 50	< 70	< 70
Naphthalene	2700	< 300	500	< 300	< 300	< 400	< 400
I,2,3-Trichlorobenzene	< 90	< 50	< 60	< 50	< 50	< 70	< 71
							1

SS-19: Reporting limits were elevated due to the low density of the sample.



Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Burgess Mill / 23441

Sample ID:	SS-28	SS-29	SS-30
Lab Sample ID:	39061.08	39061.09	39061.1
Matrix:	soil	soil	soil
Date Sampled:	10/22/03	10/22/03	10/22/03
Date Received:	10/27/03	10/27/03	10/27/03
Units:	ug/kg	ug/kg	ug/kg
Date of Analysis:	10/30/03	10/30/03	10/30/03
•	JDS	JDS	JDS
Analyst: Method:	8260B	8260B	8260B
Dilution Factor:	1	1	5
District and the second second	- 200n	- 200	z 1000
Dichlorodifluoromethane Chloromethane	< 200 < 200	< 200 < 200	< 1000 < 1000
Vinyl chloride	< 100	< 100	< 500
Bromomethane	< 200	< 200	< 1000
Chloroethane	< 200	< 200	< 1000.
Trichlorofluoromethane	< 200	< 200	< 500
Diethyl Ether	< 50	< 50	< 300
Acetone	< 2000	< 2000	< 10000
1,1-Dichloroethene	< 50	< 50	< 300 < 10000
tert-Butyl Alcohol (TBA) Methylene chloride	< 2000 < 100	< 2000 < 100	< 500
Carbon disulfide	< 100	< 100	< 500
Methyl-t-butyl ether(MTBE)	< 100	< 100	< 500
Ethyl-t-butyl ether(ETBE)	< 200	< 200	< 1000
Isopropyl ether(DIPE)	< 200	< 200	< 1000
tert-amyl methyl ether(TAME)	< 200	< 200	< 1000
trans-1,2-Dichloroethene	< 50	< 50	< 300
1,1-Dichloroethane	< 50	< 50	< 300
2,2-Dichloropropane cis-1,2-Dichloroethene	< 50 < 50	< 50 < 50	< 300 < 300
2-Butanone(MEK)	< 500	< 500	< 3000
Bromochloromethane	< 50	< 50	< 300
Tetrahydrofuran(THF)	< 500	< 500	< 3000
Chloroform	< 50	< 50	< 300
1,1,1-Trichloroethane	< 50	< 50	< 300
Carbon tetrachloride	< 50	< 50	< 300
1,1-Dichloropropene	< 50 < 50	< 50	< 300 <b>600</b>
Benzene 1,2-Dichloroethane	< 50 < 50	< 50 < 50	< 300
Trichloroethene	< 50	< 50	< 300
1,2-Dichloropropane	< 50	< 50	< 300
Dibromomethane	< 50	< 50	< 300
Bromodichloromethane	< 50	< 50	< 300
4-Methyl-2-pentanone(MIBK)	< 500	< 500	< 3000
cis-1,3-Dichloropropene	< 50	< 50	< 300
Toluene	< 50	< 50	9500
rans-1,3-Dichloropropene	< 50 < 50	< 50 < 50	< 300 < 300
1,1,2-Trichloroethane 2-Hexanone	< 500	< 500 < 500	< 3000
Tetrachloroethene	< 50	< 50	< 300
1,3-Dichloropropane	< 50	< 50	< 300
Dibromochloromethane	< 50	< 50	< 300
,2-Dibromoethane	< 50	< 50	< 300
Chlorobenzene	< 50	< 50	< 300
1,1,1,2-Tetrachloroethane	< 50	< 50	< 300
Ethylbenzene	< 50	< 50	6100



A part of the second se	Eastern Analy	tical, Inc.	. ID#:	39061	
Client: GZA GeoEnv	vironmental, Inc. (NH)	-		Burgess Mill / 23441	
Sample ID:	SS-28	SS-29	SS-30		
Lab Sample ID:	39061.08	39061.09	39061.1		
Matrix:	soil	soil	soil		
Date Sampled:	10/22/03	10/22/03	10/22/03		
Date Received:	10/27/03	10/27/03	10/27/03		
Units:	ug/kg	ug/kg	ug/kg		
-	10/30/03	10/30/03	10/30/03		
Date of Analysis:					
Analyst:	JDS	JDS	JDS		*
Method:	8260B	8260B	8260B		•
Dilution Factor:	1	1	5		
mp-Xylene	< 50	< 50	24000		
o-Xylene	< 50	< 50	11000		
Styrene	< 50	< 50	< 300		•
Bromoform	< 50	< 50	< 300		
iso-Propylbenzene	< 50	< 50	2200		
Bromobenzene	< 50	< 50	< 300		
1,1,2,2-Tetrachloroethane	< 50	< 50	< 300		
1,2,3-Trichloropropane	< 50	< 50	< 300		
n-Propylbenzene	< 50	< 50	4800		
2-Chlorotoluene	< 50	< 50	< 300		
4-Chlorotoluene	< 50 ° < 50 ° .	< 50 < 50	< 300		
1,3,5-Trimethylbenzene	< 50 · · · < 50	< 50 < 50	8 <b>300</b> < 300		
tert-Butylbenzene	< 50 < 50	< 50 < 50	30000		
1,2,4-Trimethylbenzene sec-Butylbenzene	< 50	< 50	3700		
1,3-Dichlorobenzene	< 50	< 50 < 50	< 300		
p-isopropyltoluene	< 50	< 50 < 50	3200		
1,4-Dichlorobenzene	< 50	< 50	< 300		
1,2-Dichlorobenzene	< 50	< 50	< 300		
n-Butylbenzene	< 50	< 50	5900		
1,2-Dibromo-3-chloropropane		< 50	< 300		
1,2,4-Trichlorobenzene	< 50	< 50	< 300		· · · · · · · · · · · · · · · · · · ·
Hexachlorobutadiene	< 50	< 50	< 300		
Naphthalene	< 300	< 300	14000		
1,2,3-Trichlorobenzene	< 50	< 50	< 300		

SS-30: The value for n-butylbenzene may be elevated due to non-target interference.



Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Sample ID:	SS-19	SS-20	SS-21	SS-23	SS-26	SS-27	SS-28	SS-;
Lab Sample ID:	39061.01	39061.02	39061.03	39061.04	39061.06	39061.07	39061.08	39061.0!
Matrix:	soil	so						
Date Sampled:	10/20/03	10/20/03	10/22/03	10/22/03	10/22/03	10/22/03	10/22/03	10/22/0:
Date Received:	10/27/03	10/27/03	10/27/03	10/27/03	10/27/03	10/27/03	10/27/03	10/27/0:
Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kį
Date of Extraction/Prep:	10/31/03	10/31/03	11/4/03	11/4/03	11/4/03	11/4/03	11/4/03	11/4/00
Date of Analysis:	11/13/03	11/13/03	11/12/03	11/10/03	11/12/03	11/13/03	11/13/03	11/10/00
•	LLS							
Analyst: Method:	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
	43	1	12	1	21	1	1	
Dilution Factor:	43	3	12	ı	21	ı	ı	• 1
Naphthalene	3000	< 40	1500	< 40	< 700	70	< 40	< 40
2-Methylnaphthalene	33000	90	900	< 40	< 700	50	< 40	< 40
Acenaphthylene	< 1000	< 40	< 400	< 40	< 700	330	< 40	< 40
Acenaphthene	16000	< 40	9400	< 40	1300	80	< 40	< 40
Fluorene	19000	110	9400	< 40	< 700	110	< 40	< 40
Phenanthrene	68000	230	130000	< 40	2200	1100	< 40	< 40
Anthracene	< 1000	< 40	42000	< 40	< 700	410	< 40	< 40
Fluoranthene	19000	310	210000	< 40	3600	2200	60	80
Pyrene	77000	350	180000	< 40	9500	1900	60	80
Benzo[a]anthracene	26000	170	110000	< 40	3900	1100	60	110
Chrysene	51000	200	130000	< 40	6800	1500	70	40
Benzo[b]fluoranthene	8000	170	92000	< 40	2800	2000	70	70
Benzo[k]fluoranthene	3000	120	38000	< 40	2000	1000	50	40
Benzo[a]pyrene	13000	150	74000	< 40	3100	1100	< 40	50
Indeno[1,2,3-cd]pyrene	< 1000	< 40	33000	< 40	1100	580	< 40	< 40
Dibenz[a,h]anthracene	< 1000	< 40	16000	< 40	< 700	< 40	< 40	< 40
Benzo[g,h,i]perylene	5000	50	35000	< 40	1500	550	< 40	< 40



Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH)

< 400

Client Designation: Burgess Mill / 23441

Sample ID:	SS-30
Lab Sample ID:	39061.1
Matrix:	soil
Date Sampled:	10/22/03
Date Received:	10/27/03
Units:	ug/kg
Date of Extraction/Prep:	11/4/03
Date of Analysis:	11/12/03
Analyst:	LLS
Method:	8270C
Dilution Factor:	11
Naphthalene	16000
2-Methylnaphthalene	66000
Acenaphthylene	< 400
Acenaphthene	5500
Fluorene	9400
Phenanthrene	17000
Anthracene	< 400
Fluoranthene	800.
Pyrene	3800 < 400
Benzo[a]anthracene	< 400 < 400
Chrysene Benzo[b]fluoranthene	< 400 < 400
Benzo[k]fluoranthene	< 400
Benzo[a]pyrene	< 400
Indeno[1,2,3-cd]pyrene	< 400
Dibenz[a,h]anthracene	< 400
Bonzola h ilnondono	- 400

Benzo[g,h,i]perylene



Eastern Analytical, Inc. ID#:

39061

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Burgess Mill / 23441

Sample ID:	SS-20	SS-30
Lab Sample ID:	39061.02	39061.1
Matrix:	soil	soil
Date Sampled:	10/20/03	10/22/03
Date Received:	10/27/03	10/27/03
Units:	_ mg/kg	mg/kg
Date of Extraction/Prep:	10/31/03	11/4/03
Date of Analysis:	10/31/03	11/13/03
Analyst:	JTO	JTO
Method:	8015BDRO	8015BDRO
Dilution Factor:	1	1
DRO(Diesel Range Organics C10-C28)	760	16000

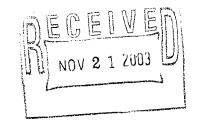
CHAIN-OF-CUSTODY RECORD

Page of	-												,	)E	)UE	STE	D	AN	AL	(SE	S							· v							
SAMPLE I.D.	SAMPLING DATE / TIME	MATRIX A - Air S - Soil GW - Ground W. SW - Surlace W. DW - Drinking W. WW - Waste W.	O NH524.2	CIVITION OF SECOND CONTINUES OF SECOND CONTINUES CONTINU	CINH Fat. Short List Cl 80218 Aromatics	ONH Haz, W. Short List O 8021B Habs	☐ 624 ☐ 601/602 ☐ 661 ☐ 662	(J MathyEthans/Ethans	CI MESHO CI NHGRO	D MAVPH Fur	CO 625 CO ABN CO A CONY CO BN CONY	D 8270¢ CLABN ■ PAH CLA CLBN	D SVTICS	C) MA EPH FUI	O TPH Level 1 O TPH Fingesprin	OMEDRO	C. 636 Pesticides C. 8081A Pesticides	Disku pica Diskus pica	C) On & Grease 1564 C) TPH 1664	O YOC O Pest O Sub-Herb	Dissolved Metals	Total Metals	⊒ TS 🗅 TSS 🗅 TBS ⊐ TVS 🗅 SS	CBr CICI OF CINO2 CINO3 CISO4	C Jurbiday	ට මටට ට රම්රව	CI T. Alk. CI Bloamb, Alk. CI Gam, Alk.	D TKN D NH3 D T. Phos.	Ortho Phos.     T. Res. Chlorine	2 COD O Phenois D TOC	O Total Cyanide O Total Sulfide	Reactive Cyanide     Reactive Sulfide	Plastipoint Ignitability	5 G	C F, Sirsp C Enteroccus
\$5-19	10/20 900	S		X								X												······································			, , , , , , , , , , , , , , , , , , ,								
S5-20	10/20 1000	S		X								X		•		Χ												·							
55-21	10/22 900	S		X								χ										***************************************													
55-23 55-24	10/22 930	Ş		X								X																							
ss-24	10/22 1000			X								X																							
55-26	10/22 1015	<del></del>	- Indicate of the second	X						·		X				-																			
55-27	10/22 1025	S		X								X																							
52-28	10/22 430	S		Χ								X																							
55-29	10/22 1100	S		X								X																							
	10/22 1115	S		X								X				X																			
PRESERVATIVE: H-HCI; N-HI H2SO4; Na-NaOH; M-ME			ļ	M																															
PROJECT MANAG COMPANY: 6-7 ADDRESS: 380	A Geol	Environp	men	tal,	In	 	Othe	□ r Met		RA M	letals	; (	⊃ Fe,	Mn	O	13 PF	Met	als		(Gu	en arantee	iter pr id rapid	elerre tumaro	ED B' d date; und nec	): eds pre					- [	Adhei	red to		ONLY Protoco	
CITY: Mauches	ter	STATE ALL	+ 7	p () :	3/0:	3		Dis	ssolve	d Me	tas	Field	Filtere	ed?	۵	Yes		No		Q			orting B ()	Leve			eting ard Co			- 1	Tem	p	9.	(a.c	
PHONE: (603)	623-36	00	EX	ct: 4	212											g Info.						` _	ט כ			Elect	ronic						Yes [		l
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SITE NAME: BO	orgess M.	ill						•							1					Sarto	pler(s	)	AJK	,51	<u> 3 K</u>				<del></del>				2 /	7	
PROJECT # &	344			<del></del>																Relin	owk Iquisl	ned b	llol v	······································		Da	4/03 1e		Tir	ne			Recei	ved b	)Ct 
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### eastern analytical

professional laboratory services

Steven Lamb
GZA GeoEnvironmental, Inc. (NH)
380 Harvey Road
Manchester, NH 03103



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 39227

Client Identification: Berlin Mills / 04.0023441.00

Date Received: 11/4/2003

Dear Mr. Lamb:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

"less than" followed by the reporting limit

TNR: Testing Not Requested

ND: None Detected, no established detection limit

RL: Reporting Limits %R: % Recovery

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

<u>ロマの・0ろ</u> Date

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# of pages (excluding cover letter)



#### SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#:

39227

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin Mills / 04.0023441.00

Temperature upon receipt (°C): 2.6

Received on ice or cold packs (Yes/No): Y

Lab ID	SampleID	Date Received	Date Sampled		% Dry Weight	Exceptions/Comments (other than thermal preservation)
39227.01	GZ-20 S-2	11/4/03	10/29/03	soil	84.4	Adheres to Sample Acceptance Policy
39227.02	GZ-30 S-1	11/4/03	10/30/03	soil	92.5	Adheres to Sample Acceptance Policy
39227.03	GZ-31 S-3	11/4/03	10/30/03	soil	56.6	Adheres to Sample Acceptance Policy
39227.04	GZ-32 S-2	11/4/03	10/30/03	soil	83.5	Adheres to Sample Acceptance Policy

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amples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Itibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.



Eastern Analytical, Inc. ID#:

39227

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin Mills / 04.0023441.00

Sample ID:	GZ-20 S-2	GZ-30 S-1	GZ-31 S-3	GZ-32 S-2		
Lab Sample ID:	39227.01	39227.02	39227.03	39227.04		
Matrix:	soil	soil	soil	soil		
Date Sampled:	10/29/03	10/30/03	10/30/03	10/30/03		
Date Received:	11/4/03	11/4/03	11/4/03	11/4/03		
Units:	ug/kg					
******	_	ug/kg	ug/kg	ug/kg		
Date of Analysis:	11/8/03	11/8/03	11/8/03	11/8/03		
Analyst:	JDS	JDS	JDS	JDS		
Method:	8260B	8260B	8260B	8260B		
Dilution Factor:	. 1	1	1	1	•	
Dichlorodifluoromethane	< 200	< 200	< 200	< 200		
Chloromethane	< 200	< 200	< 200	< 200		
Vinyl chloride	< 100	< 100	< 100	< 100		
Bromomethane	< 200 < 200	< 200 < 200	< 200 < 200	< 200 < 200		
Chloroethane Trichlorofluoromethane	< 200	< 200 < 200	< 200	< 200 < 200		
Diethyl Ether	< 50	< 50	< 50	< 50		
Acetone	< 2000	< 2000	< 2000	< 2000		
1,1-Dichloroethene	< 50	< 50	< 50	< 50		
tert-Butyl Alcohol (TBA)	< 2000	< 2000	< 2000	< 2000		
Methylene chloride	< 100	< 100	< 100	< 100		
Carbon disulfide	< 100	< 100	< 100	< 100		
Methyl-t-butyl ether(MTBE)	< 100	< 100	< 100	< 100		
Ethyl-t-butyl ether(ETBE)	< 200	< 200	< 200	< 200		
Isopropyl ether(DIPE)	< 200	< 200	< 200	< 200		
tert-amyl methyl ether(TAME)	< 200 < 50	< 200 < 50	< 200 < 50	< 200 < 50		
trans-1,2-Dichloroethene 1,1-Dichloroethane	. < 50	< 50	< 50	< 50		
2,2-Dichloropropane	< 50	< 50	< 50	< 50		
cis-1,2-Dichloroethene	< 50	< 50	< 50	< 50		
2-Butanone(MEK)	< 500	< 500	< 500	< 500		
Bromochloromethane	< 50	< 50	< 50	< 50		
Tetrahydrofuran(THF)	< 500	< 500	< 500	< 500		
Chloroform	< 50	< 50	< 50	1300		
1,1,1-Trichloroethane	< 50	< 50	< 50	< 50		
Carbon tetrachloride	< 50 < 50	< 50 < 50	< 50 < 50	< 50 < 50		
1,1-Dichloropropene Benzene	< 50 < 50	< 50 < 50	< 50	< 50 < 50	•	
1,2-Dichloroethane	< 50	< 50	< 50	< 50		
Trichloroethene	< 50	< 50	< 50	< 50		
1,2-Dichloropropane	< 50	< 50	< 50	< 50		
Dibromomethane	< 50	< 50	< 50	< 50		
Bromodichloromethane	< 50	< 50	< 50	< 50		
4-Methyl-2-pentanone(MIBK)	< 500	< 500	< 500	< 500		
cis-1,3-Dichloropropene	< 50	< 50	< 50	< 50		
Toluene	< 50 < 50	< 50	< 50 < 50	< 50		
trans-1,3-Dichloropropene 1,1,2-Trichloroethane	< 50 < 50	< 50 < 50	< 50 < 50	< 50 < 50		
2-Hexanone	< 500	< 500	< 500	< 500		
Tetrachloroethene	< 50	< 50	< 50	< 50		
1,3-Dichloropropane	< 50	< 50	< 50	< 50		
Dibromochloromethane	< 50	< 50	< 50	< 50		
1,2-Dibromoethane	< 50	< 50	< 50	< 50		
Chlorobenzene	< 50	< 50	< 50	< 50		
,1,1,2-Tetrachloroethane	< 50	< 50	< 50	< 50		
Ethylbenzene .	< 50	< 50	< 50	< 50		



Eastern Analytical, Inc. ID#:

39227

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin Mills / 04.0023441.00

Sample ID:	GZ-20 S-2	GZ-30 S-1	GZ-31 S-3	GZ-32 S-2		
Lab Sample ID:	39227.01	39227.02	39227.03	39227.04		
Matrix:	soil	soil	soil	soil		
Date Sampled:	10/29/03	10/30/03	10/30/03	10/30/03		
Date Received:	11/4/03	11/4/03	11/4/03	11/4/03		
Units:	ug/kg	ug/kg	ug/kg	. ug/kg		
Date of Analysis:	11/8/03	11/8/03	11/8/03	11/8/03		
Analyst:	JDS	JDS	JDS	JDS		
Method:	8260B	8260B	8260B	8260B		
Dilution Factor:	1	1	1	. 1		
mp-Xylene	< 50	< 50	< 50	< 50		
o-Xylene	< 50	< 50	< 50	< 50		
Styrene	< 50	< 50	< 50	< 50		_
Bromoform	< 50	< 50	< 50	< 50		•
iso-Propylbenzene	< 50	< 50	< 50	< 50		
Bromobenzene	< 50	< 50	< 50	< 50		
1,1,2,2-Tetrachloroethane	< 50	< 50	< 50	< 50		
1,2,3-Trichloropropane	< 50	< 50	< 50	< 50		
n-Propylbenzene	< 50	< 50	< 50	< 50		
2-Chlorotoluene	< 50	< 50	< 50	< 50		
4-Chlorotoluene	< 50	< 50	< 50	< 50		
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50		
tert-Butylbenzene	< 50	< 50	< 50	< 50		
1,2,4-Trimethylbenzene	< 50	< 50	· < 50	< 50		
sec-Butylbenzene	< 50 < 50	< 50 < 50	< 50 < 50	< 50 < 50		
1,3-Dichlorobenzene	< 50 < 50	· < 50 < 50	< 50 < 50	< 50 < 50		
p-isopropyltoluene 1,4-Dichlorobenzene	< 50 < 50	< 50	< 50	< 50 < 50		
1,2-Dichlorobenzene	< 50	< 50	< 50	< 50		
n-Butylbenzene	< 50	< 50	< 50	< 50		
1,2-Dibromo-3-chloropropane	< 50	< 50	< 50	< 50		
1,2,4-Trichlorobenzene	< 50	< 50	< 50	< 50		
Hexachlorobutadiene	< 50	< 50	< 50	< 50		
Naphthalene	2800	< 300	< 300	< 300		
1,2,3-Trichlorobenzene	< 50	< 50	< 50	< 50		



Eastern Analytical, Inc. ID#:

39227

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin Mills / 04.0023441.00

Sample ID:	GZ-20 S-2
Lab Sample ID:	39227.01
Matrix:	soil
Date Sampled:	10/29/03
Date Received:	11/4/03
Units:	ug/kg
Date of Extraction/Prep:	11/6/03
Date of Analysis:	11/12/03
Analyst:	LLS
Method:	8270C
Dilution Factor:	1
Naphthalene 2-Methylnaphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo[a]anthracene Chrysene Benzo[b]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[g,h,i]perylene	< 40 < 40 < 40 70 60 730 140 680 570 230 230 120 70 70 < 40 < 40 < 40 < 40

		5.4-4-4-	Sample										A٨	VALY	SIS	REC	UIRED										-	
		Matrix A=Air	Туре	w	ONLY C					2		_							ASBE	sora	BULK	AİR				-		1
Sample I.D.	Date/Time Sampled (Very Important)	S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	A=Auto M=Manual P=Prop F=Flow T=Timed G=Grab C=Comp	0 62	G 801 G 802	GC Screen (Methane)	8260	8260 - "8240" List	- 8021-	O BOTO LIST OF BOZZ	BottsB - GRO	TPH-GC (Mad. 8100)	TPH-GC W/FING	NB C A C HAY @ 0728	Q 8061P±st Q 8082PC8	TCLP (Spec. Below)	Dissolved Melals  O PPM-13 O R-8  O Listed Below	Total Metals  O PPM-13 O R-8  O Listed Below	PLM	TEM Chatfield	Point Counting	N7400 (PCM)					Total # of Cont.	Note #
G-Z-20 s-2	10/29 / 1400	S	G					(	Ť					Χ													2	
G-Z-30 s-1		S	G				\	<b>(</b>																			1	
G-Z-31 5-3	10/30 / 1/00	\$ \$ \$	G																								1	
GZ-32 5-2	10/30 / 1300	5	G					X	1	T																	1	
									$\top$	T																		
		4			1				$\dagger$	T														1			Market Control of Cont	
		-			$\top$		$\top$	$\top$	T	$\top$			_															
				T			-			-											_			1	1			
						$\top$	$\top$	+	$\dagger$	-	1		-							$\vdash$		-		$\top$		+		
					$\dashv$		-	+	+	+	<del> </del>		-												+	+		ļ
			<del>                                     </del>		-		+			+	$\vdash$		-							-	-			$\dashv$	+	+	Making and Section 1995 Annual Section 1995 An	· ·
METALS SAMPLES ("F" INDICATES	THAT THE SAMPLE WAS	S FILTERED IN T	HE FIELD)	+	-	+	+	_	+	+-	-			_					<del> </del>					$\dashv$	+	+		
PRESERVATIVE (CI - HCI, M=Metha								V	+		-		-	-					-					1		1		
CONTAINER TYPE (P-Plastic, G								V						G														
RELINQUISHED BY: (AFFILIATION)	11-3-03 /1200 DATE/TIME /	RECEIVE	Ly SE ZBY: (AFFIL	ea /	•			ES: (U xify *0 4 #	Inless Other	16	,21	7		=	G	Z - 3	e been re is in this s	efrigerate space. S-2 S-1	d to	t°C)								
RELINQUISHED BY: (AFFILIATION)	1-4-03 803 X	bual	1/ch	Qa.	Y_					16	) み 27	71	•	<u>.</u>	GZ Gフ	 - 3	i	5-3										
ALLINGOISHED BY, (AFFILMION)	DATE/TIME '	RECEIVE	BA: (VEHIC	CHALLIO	N)					16	24	18	=	(	GZ:	-ā	•	5-2		•								
	-																R WHEN Si				IREC	TLY TO	O ALP	HA EC	L P.O.	#:		
PROJECT MANAGER: 5	teve Lamb	EXT:	4212									1		7			Days, Ap					1	ГЕМ	P. OF	COC	)LER	2.6	
GZA GE	EOENVIRONMI	ENTAL, IN	IC.				GZA	FILE	ENO	:(	<u>94</u> ,	.00	<u> </u>	34	14	1.0	70			·		_P.0	0. N	0			oni	
.*	Airpark Business Cer	nter				ł		JEC											· · · · · · · · · · · · · · · · · · ·		<del>,</del>							
Ma	380 Harvey Road ANCHESTER, NH 0310 (603) 623-3600	03-3347				- 1						•	٠.	. (	ch	a	$n_{\perp}l$	MH							***************************************			
	FAX (603) 624-946	3				Ţ,	COL	LEC	TOR	(S)_	Ŋ	13	F				٠.						SHI	EET_	/	r .	OF/	

#### APPENDIX E

ANALYTICAL LABORATORY REPORTS – GROUNDWATER



### eastern analytical

UEC 8 700

professional laboratory services

Steven Lamb
GZA GeoEnvironmental, Inc. (NH)

380 Harvey Road
Manchester, NH 03103

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 39461

Client Identification: Berlin / Gorham Mills

Date Received: 11/14/2003

Dear Mr. Lamb:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

TNR: Testing Not Requested

ND: None Detected, no established detection limit

RL: Reporting Limits

%R: % Recovery

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

12-4.03

Date

25

# of pages (excluding cover letter)

Eastern Analytical, Inc. 25 Chapell Drive, Concord, NH 83321

www.eailabs.com

TEL 603-228-0525 | 1-000-387-0525 | FAX-603-228-4591



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID:	GZ-5	GZ-6	GZ-7	GZ-8	GZ-9	GZ-10	GZ-1
Lab Sample ID:	39461.01	39461.02	39461.03	39461.04	39461.05	39461.06	39461.Q <sup>-7</sup>
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueou
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/00
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	1
	11/20/03	11/20/03	11/20/03	11/20/03	11/20/03	_	ug
Date of Analysis:						11/21/03	11/21/03
Analyst:	VG	VG	VG	VG	VG	JDS	JDC
Method:	8260B	8260B	8260B	8260B	. 8260B	8260B	8260
Dilution Factor:	1	1	1	1	1	1	1
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	<
Chloromethane	< 5	< 5	< 5	< 5	* < <u>5</u>	< 5	< ₺
Vinyl chloride	< 2	< 2	< 2	< 2	< 2	< 2	. < 2
Bromomethane	< 2	< 2	< 2	< 2	< 2	< 2	· < ſ
Chloroethane Trichlorofluoromethane	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< < < < < < < < < < < < < < < < < < <
Diethyl Ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acetone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1.1-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	<
tert-Butyl Alcohol (TBA)	< 50	< 50	< 50	< 50	< 50	< 50	< 5
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon disulfide	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-t-butyl ether(MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	<
Ethyl-t-butyl ether(ETBE)	< 5	< 5	< 5	< 5.	< 5	< 5	< [
Isopropyl ether(DIPE)	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5
tert-amyl methyl ether(TAME) trans-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 5 < 1
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
2,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
2-Butanone(MEK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Carbon tetrachloride	< 2 -< 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	<u> </u>
1,1-Dichloropropene Benzene	< 1	< 1	< 1	< 1	<.1	< 1	< 2 < 1
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Trichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< }
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromomethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 1
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 1	7	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene 1,1,2-Trichloroethane	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 1 < 1
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 7 < 1
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1

eastern analytical, inc.

www.eailabs.com



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID:	GZ-5	GZ-6	GZ-7	GZ-8	GZ-9	GZ-10	GZ-11
Lab Sample ID:	39461.01	39461.02	39461.03	39461.04	39461.05	39461.06	39461.07
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date of Analysis:	11/20/03	11/20/03	11/20/03	11/20/03	11/20/03	11/21/03	11/21/03
Analyst:	VG	VG	VG	VG	VG	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	1	1	1	1	1
mp-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2	< 2	· < 2	• < 2
iso-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene .	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ert-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1.	< 1
p-isopropyltoluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1 < 1	< 1 < 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	-	•	< 1	< 1	< 1
n-Butylbenzene	< 1 < 2	<1 <2	< 1 < 2	< 1 < 2	< 1 < 2	< 1 < 2	< 1
1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 2 < 1	< 2 < 1	< 2 < 1	< 2
t,2,4- i richiorobenzene Hexachlorobutadiene	< 1	< 1	< 1	< 1	< 1	< 1	< 1 < 1
vaphthalene	< 5	< 5	< 5	< 5	< 5	< 5	< 5
,2,3-Trichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	` < 1



Eastern Analytical, Inc. ID#: 39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID;	GZ-12	GZ-13	GZ-14	GZ-22	GZ-21	GZ-17	GZ-
		•					
Lab Sample ID:	39461.08	39461.09	39461.1	39461.11	39461.12	39461.13	39461.
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueo
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/91
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	u
Date of Analysis:	11/21/03	11/21/03	11/21/03	11/21/03	11/21/03	11/23/03	11/21/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	Ŋ-
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260
Dilution Factor:	1	1	1 .	. 1	1	1	1
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	4
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	⊲!ુ
Vinyl chloride Bromomethane	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	. <2 4°
Chloroethane	34	< 5	< 5	< 5	< 5	< 5	J.
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	1,
Diethyl Ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acetone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	16	< 1	< 1	< 1	< 1	< 1	4
tert-Butyl Alcohol (TBA)	< 50	< 50	< 50	< 50	< 50	< 50	< 41
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon disulfide	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5	55
Methyl-t-butyl ether(MTBE) Ethyl-t-butyl ether(ETBE)	< 5	< 5	< 5	< 5	< 5 < 5	< 5	<b>∀</b>
Isopropyl ether(DIPE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5
tert-amyl methyl ether(TAME)	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 5 <
1,1-Dichloroethane	75	< 2	< 2	< 2	< 2	< 2	<
2,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	<.2
2-Butanone(MEK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform 1.1.1 Triphloroethana	< 2 610	< 2 < 2	· < 2 < 2	< 2 < 2	< 2	< 2	< 2
1,1,1-Trichloroethane Carbon tetrachloride	< 2	< 2	< 2 < 2	< 2	< 2 < 2	< 2 < 2	4
1,1-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	<  <2
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<1
Trichloroethene	4	< 2	< 2	< 2	< 2	< 2	-1
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	~\ <u>\</u>
Dibromomethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
cis-1,3-Dichloropropene Foluene	< 2 < 1	< 2	< 2	< 2 < 1	< 2	< 2 < 1	< 2
rans-1,3-Dichloropropene	< 2	< 1 < 2	< 1 < 2	< 2	< 1 < 2	< 2	< 1 <1
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10-
Tetrachloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
3-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	<٢
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	3	< 2	< 2	< 2	< 2	< 2	< 2
,1,1,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	<

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Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID:	GZ-12	GZ-13	GZ-14	GZ-22	GZ-21	GZ-17	GZ-18
Lab Sample ID:	39461.08	39461.09	39461.1	39461.11	39461.12	39461.13	39461.14
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	. ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date of Analysis:	11/21/03	11/21/03	11/21/03	11/21/03	11/21/03	11/23/03	11/21/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	VG
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	1	1	1	1	1
mp-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	• < 2
iso-Propylbenzene	· < 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	. < 1	< 1	< 1 < 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1 < 1	< 1	< 1	< 1
1,3-Dichlorobenzene	9	1	< 1 < 1	< 1	< 1	< 1	< 1 < 1
p-isopropyltoluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	12 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	<1
n-Butylbenzene 1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dibromo-s-Choropropane 1,2,4-Trichlorobenzene	50	3	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 1	<b>3</b> < 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichlorobenzene	5	< 1	< 1	< 1	< 1	< 1	< 1

Deviations from the Report:

GZ-12 Parameter: 1,1,1-Trichloroethane Date of Analysis: 11/21/2003 Dilution Factor: 5



Eastern Analytical, Inc. ID#: 39461 Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills Sample ID: **GZ-16 GZ-15** GZ-1 GZ-2 GZ-20 GZ-3 GΖ 39461.15 39461.16 39461.17 39461.18 39461.19 39461.2 39461.1 Lab Sample ID: Matrix: aqueous aqueous aqueous aqueous aqueous aqueous aqueo Date Sampled: 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 Date Received: 11/14/03 11/14/03 11/14/03 11/14/03 11/14/03 11/14/03 11/14/0 Units: ug/l ug/l ug/l ug/l ug/l ug/i u 11/21/03 Date of Analysis: 11/21/03 11/21/03 11/21/03 11/21/03 11/21/03 11/21/03 VG VG VG VG VG Analyst: VG 8260B 8260B Method: 8260B 8260B 8260B 8260B 8260 1 1 Dilution Factor: 1 1 1 Dichlorodifluoromethane < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 Chloromethane < 5 < 5 < 5 < 5 Vinvl chloride < 2 < 2 < 2 < 2 < 2 < 2 < 2 Bromomethane < 2 < 2 < 2 < 2 < 2 < 2 Chloroethane < 5 < 5 < 5 < 5 < 5 < 5 Trichlorofluoromethane < 5 < 5 < 5 < 5 < 5 < 5 < 5 Diethyl Ether < 5 < 5 < 5 < 5 < 5 Acetone < 10 10 < 10 < 10 < 10 < 10 1,1-Dichloroethene < 1 < 1 < 1 < 1 < 1 < 1 tert-Butyl Alcohol (TBA) < 50 < 50 < 50 < 50 < 50 < 50 Methylene chloride < 5 < 5 < 5 < 5 < 5 < 5 Carbon disulfide < 5 < 5 < 5 < 5 < 5 < 5 Methyl-t-butyl ether(MTBE) < 5 < 5 < 5 < 5 < 5 < 5 Ethyl-t-butyl ether(ETBE) < 5 < 5 < 5 < 5 < 5 < 5 Isopropyl ether(DIPE) < 5 < 5 < 5 < 5 < 5 < 5 tert-armyl methyl ether(TAME) < 5 < 5 < 5 < 5 < 5 < 5 trans-1,2-Dichloroethene < 2 < 2 < 2 < 2 < 2 < 2 1,1-Dichloroethane < 2 < 2 < 2 < 2 < 2 < 2 2,2-Dichloropropane < 2 < 2 < 2 < 2 < 2 < 2 cis-1.2-Dichloroethene < 2 < 2 < 2 < 2 < 2 < 2 2-Butanone(MEK) < 10 < 10 < 10 < 10 < 10 < 10 Bromochloromethane < 2 < 2 < 2 < 2 < 2 < 2 Tetrahydrofuran(THF) < 10 < 10 < 10 < 10 < 10 < 10 < 10 Chloroform < 2 < 2 < 2 < 2 < 2 < 2 1,1,1-Trichloroethane < 2 < 2 < 2 < 2 < 2 < 2 Carbon tetrachloride < 2 < 2 < 2 < 2 < 2 < 2 1,1-Dichloropropene < 2 < 2 < 2 < 2 < 2 < 2 Benzene < 1 < 1 < 1 < 1 < 1 < 1 1,2-Dichloroethane < 2 < 2 < 2 < 2 < 2 < 2 Trichloroethene < 2 < 2 < 2 < 2 < 2 < 2 1,2-Dichloropropane < 2 < 2 < 2 < 2 < 2 < 2 Dibromomethane < 2 < 2 < 2 < 2 < 2 < 2 Bromodichloromethane < 2 < 2 < 2 < 2 < 2 < 2 4-Methyl-2-pentanone(MIBK) < 10 < 10 < 10 < 10 < 10 < 10 cis-1,3-Dichloropropene < 2 < 2 < 2 < 2 < 2 < 2 Toluene < 1 < 1 < 1 < 1 < 1 < 1 trans-1,3-Dichloropropene < 2 < 2 < 2 < 2 < 2 < 2 1,1,2-Trichloroethane < 2 < 2 < 2 < 2 < 2 < 2 2-Hexanone < 10 < 10 < 10 < 10 < 10 < 10 Tetrachloroethene < 2 < 2 < 2 < 2 < 2 < 2 1,3-Dichloropropane < 2 < 2 < 2 < 2 < 2 < 2 Dibromochloromethane < 2 < 2 < 2 < 2 < 2 < 2 1,2-Dibromoethane < 2 < 2 < 2 < 2 < 2 Chlorobenzene < 2 < 2 < 2 < 2 < 2 < 2 1,1,1,2-Tetrachloroethane < 2 < 2 < 2 < 2 < 2

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< 1

< 1

< 1

Phone: (603) 228-0525

< 1

< 1

Ethylbenzene



Eastern Analytical, Inc. ID#: 39461 Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills **GZ-16** GZ-1 GZ-2 GZ-3 GZ-4 Sample ID: GZ-15 GZ-20 Lab Sample ID: 39461.15 39461.16 39461.17 39461.18 39461.19 39461.2 39461.21 Matrix: aqueous aqueous aqueous aqueous aqueous aqueous aqueous Date Sampled: 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 11/13/03 Date Received: 11/14/03 11/14/03 11/14/03 11/14/03 11/14/03 11/14/03 11/14/03 Units: ug/l ug/l uq/i ug/l ug/l ug/l ug/l Date of Analysis: 11/21/03 11/21/03 11/21/03 11/21/03 11/21/03 11/21/03 11/21/03 Analyst: ۷G VG VG VG VG VG VG Method: 8260B 8260B 8260B 8260B 8260B 8260B 8260B **Dilution Factor:** 1 1 1 1 1 1 1 mp-Xylene < 1 < 1 < 1 < 1 < 1 < 1 < 1 o-Xylene < 1 < 1 < 1 < 1 < 1 < 1 Styrene < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 2 Bromoform < 2 < 2 < 2 < 2 < 2 iso-Propylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 Bromobenzene < 2 < 2 < 2 < 2 < 2 < 2 1,1,2,2-Tetrachloroethane < 2 < 2 < 2 < 2 < 2 < 2 < 2 1,2,3-Trichloropropane < 2 < 2 < 2 < 2 < 2 < 2 < 2 n-Propylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 2-Chlorotoluene < 2 < 2 < 2 < 2 < 2 < 2 < 2 4-Chlorotoluene < 2 < 2 < 2 < 2 < 2 < 2 < 2 1,3,5-Trimethylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 tert-Butylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 1,2,4-Trimethylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 sec-Butylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 1.3-Dichlorobenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 p-isopropyltoluene < 1 < 1 < 1 < 1 < 1 < 1 < 1 1.4-Dichlorobenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1 1,2-Dichlorobenzene < 1 < 1 < 1 < 1 < 1 < 1 n-Butylbenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 1,2-Dibromo-3-chloropropane < 2 < 2 < 2 < 2 < 2 < 2 < 2 1,2,4-Trichlorobenzene < 1 < 1 < 1 < 1 < 1 < 1 < 1 Hexachlorobutadiene < 1 < 1 < 1 < 1 < 1 < 1 < 1 Naphthalene < 5 < 5 < 5 < 5 < 5 < 5

GZ-2: The pH of the sample indicates that it was not adequately preserved.

< 1

< 1

< 1

< 1

< 1

< 1

< 5

< 1

1,2,3-Trichlorobenzene



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID:	GZ-23	GZ-24	GZ-25	GZ-26	GZ-27	GZ-36	GZ-2
Lab Canada ID.	39461.22	39461.23	39461.24	39461.25	39461.26	39461.27	39461.2
Lab Sample ID:							
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueou
Date Sampled:	11/13/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/0
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	. ug
Date of Analysis:	11/21/03	11/21/03	11/23/03	11/23/03	11/23/03	11/23/03	11/23/03
- Analyst:	VG	VG	JDS	JDS	JDS	JDS	JD
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260
Dilution Factor:	1	1 .	1	1	1	1	1
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	<
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 2	< 2	< 2	< 2	< 2	< 2	• < 2
Bromomethane	< 2	< 2	< 2	< 2	< 2	< 2	< r
Chloroethane	< 5	< 5	5	< 5	< 5	< 5	<
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< l
Diethyl Ether	< 5	< 5	< 5	< 5 < 10	< 5 - 10	< 5°	< 5
Acetone	< 10 < 1	30 < 1	< 10 < 1	< 1	< 10 < 1	10 < 1	< 16
1,1-Dichloroethene tert-Butyl Alcohol (TBA)	< 50	< 50	< 50	< 50	< 50	< 50	< 5
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon disulfide	< 5	< 5	< 5	< 5	< 5	< 5	< <b>F</b>
Methyl-t-butyl ether(MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	<
Ethyl-t-butyl ether(ETBE)	< 5	< 5	< 5	< 5	< 5	< 5	< <b>l</b>
Isopropyl ether(DIPE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5
tert-amyl methyl ether(TAME)	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	<
1,1-Dichloroethane	< 2 < 2	< 2 < 2	3 < 2	< 2 < 2	< 2 < 2	< 2 < 2	<
2,2-Dichloropropane cis-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	< 2 < 2
2-Butanone(MEK)	< 10	< 10	< 10	< 10	< 10	< 10	<1
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	<
1,1-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< <
Trichloroethene 1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromomethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 1	< 1	1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	<
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	< 2 < 2	< 2 < 2	< 2 <sup>-</sup> < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2
1,3-Dichloropropane Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< <
1,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
	< 2	< 2	< 2	< 2	< 2	< 2	
1,1,2-Tetrachloroethane	< 2	~ 2	<b>\ </b> \ <b>Z</b>	`	\ Z	<b>~</b> Z	< ***

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Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

			_				
Sample ID:	GZ-23	GZ-24	GZ-25	GZ-26	GZ-27	GZ-36	GZ-28
Lab Sample ID:	39461.22	39461.23	39461.24	39461.25	39461.26	39461.27	39461.28
•							-
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/13/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date of Analysis:	11/21/03	11/21/03	11/23/03	11/23/03	11/23/03	11/23/03	11/23/03
Analyst:	VG	VG	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	. 1	1	1	1	1
mp-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	1	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	• < 2
iso-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1	< 1 < 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	•	< 1	1 < 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1 < 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1 < 1	< 1	< 1	< 1	. < 1 < 1
p-isopropyltoluene	< 1 < 1	< 1 < 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene n-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
dexachlorobutadiene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vaphthalene	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
• •							

GZ-25: The pH of the sample indicates that it was not adequately preserved.



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Lab Sample ID: Matrix: Date Sampled: Date Received:	39461.29 aqueous 11/14/03 11/14/03 ug/l 11/23/03 JDS	39461.3 aqueous 11/14/03 11/14/03 ug/l 11/23/03	39461.31 aqueous 11/14/03 11/14/03	39461.32 aqueous 11/14/03	39461.33 aqueous	39461.34 aqueous	39461.3 aqueou
Date Sampled:	11/14/03 11/14/03 ug/l 11/23/03	11/14/03 11/14/03 ug/l	11/14/03		•	aqueous	adileo
•	11/14/03 ug/l 11/23/03	11/14/03 ug/l					aqueou
•	11/14/03 ug/l 11/23/03	11/14/03 ug/l			11/14/03	11/14/03	11/14/03
	ug/l 11/23/03	ug/l		11/14/03	11/14/03	11/14/03	11/14/0
Units:	11/23/03	_	ug/l	ug/l	ug/l	ug/i	ug
Date of Analysis:	JDS	11/23/03	11/23/03	11/22/03	11/22/03	11/22/03	11/22/03
Analyst:		JDS	JDS	JDS	JDS	JDS	JD
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260
Dilution Factor:	. 1	1	1	1	1	1	1
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	<
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	<⁵∑
Vinyl chloride	< 2 < 2	< 2	< 2	< 2	< 2	< 2	. <2
Bromomethane Chloroethane	< 2 < 5	< 2 · < 5	< 2 < 5	< 2 < 5	< 2 < 5	< 2 < 5	< <
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	<u> </u>
Diethyl Ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acetone	20	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	<
tert-Butyl Alcohol (TBA)	< 50	< 50	< 50	< 50	< 50	< 50	< 5
Methylene chloride	< 5	·< 5	< 5	< 5	< 5	< 5	< 5
Carbon disulfide	< 5	< 5	< 5	< 5	< 5	7	< r
Methyl-t-butyl ether(MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	<
Ethyl-t-butyl ether(ETBE)	. < 5	< 5	< 5	< 5	< 5	< 5	< l
Isopropyl ether(DIPE)	< 5 < 5	< 5	< 5	< 5	< 5	< 5	< 5
tert-amyl methyl ether(TAME) trans-1,2-Dichloroethene	< 2	< 5 < 2	< 5 < 2	< 5 < 2	< 5 < 2	< 5 < 2	< F
1,1-Dichloroethane	< 2	< 2	< 2	< 2.	< 2	< 2	< <
2,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	< 2	<2
2-Butanone(MEK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	<
1,1-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Benzene	< 1 < 2	< 1 < 2	< 1 < 2	< 1 < 2	< 1 < 2	< 1 < 2	< 1
1,2-Dichloroethane Trichloroethene	< 2	< 2	< 2	<2	< 2	< 2	<
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromomethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	<
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10	< 10	< 10	< 1
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	<
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	<
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	< 2 < 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3-Dichloropropane	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	<
Dibromochloromethane 1,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	< 2 < 2	< \ < 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	\ \ \

eastern analytical, inc.

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Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Lab Sample ID: Matrix: Date Sampled: Date Received:	39461.29 aqueous 11/14/03	39461.3 aqueous	39461.31	39461.32	39461.33	00404.04	
Date Sampled:	11/14/03	aqueous			39401.33	39461.34	39461.35
			aqueous	aqueous	aqueous	aqueous	aqueous
		11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date of Analysis:	11/23/03	11/23/03	11/23/03	11/22/03	11/22/03	11/22/03	11/22/03
Analyst:	JDS	JDS	JDS	JDS	JDS	JDS	JDS
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	.1	1	1	1	1
mp-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
iso-Propylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	. <1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	. < 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
p-isopropyltoluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	<1
n-Butylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2 < 1	< 2 `< 1	< 2 < 1	< 2 < 1	< 2 < 1
1,2,4-Trichlorobenzene	< 1 < 1	< 1 < 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 5	< 1 < 5	< 1 < 5	< 5	37	< 5	< 1 < 5
Naphthalene 1,2,3-Trichlorobenzene	< 5 < 1	< 5 < 1	< 5 < 1	< 1	37 < 1	< 1	< 1

GZ-29: The pH of the sample indicates that it was not adequately preserved.

# 1/1/

### LABORATORY REPORT

Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH) Client Designation: Berlin / Gorham Mills

Sample ID:	Dup 1	Dup 2	Dup 3	Dup 4	Trip Blank	
Lab Sample ID:	39461.36	39461.37	39461.38	39461.39	39461.45	
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	10/22/03	
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	
Units:	ug/l		•			
		ug/l	ug/l	ug/l	ug/l	
Date of Analysis:	11/22/03	11/22/03	11/22/03	11/22/03	11/22/03	
Analyst:	JDS	JDS	JDS	JDS	JDS	
Method:	8260B	8260B	8260B	8260B	8260B	
Dilution Factor:	1	1	1	1	1	
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	
Chloromethane	< 5	< 5	< 5	< 5	< 5	
Vinyl chloride	< 2	< 2	< 2	< 2	< 2	
Bromomethane	< 2	< 2	< 2	< 2	< 2	
Chloroethane	< 5	< 5	< 5	< 5	< 5	
Trichlorofluoromethane	< 5 < 5	< 5 · < 5	< 5 < 5	< 5 < 5	< 5	
Diethyl Ether Acetone	< 10	< 10	< 10	< 10	< 5 < 10	
1,1-Dichloroethene	< 1	< 1	< 1	< 1	< 1	
tert-Butyl Alcohol (TBA)	< 50	< 50	< 50	< 50	< 50	
Methylene chloride	< 5	< 5	< 5	< 5	< 5	
Carbon disulfide	< 5	< 5	< 5	< 5	< 5	
Methyl-t-butyl ether(MTBE)	< 5	< 5	< 5	< 5	< 5	
Ethyl-t-butyl ether(ETBE)	< 5	< 5	< 5	< 5	< 5	
sopropyl ether(DIPE)	< 5	< 5	< 5	< 5	< 5	
tert-amyl methyl ether(TAME)	< 5	< 5	< 5	< 5	< 5	
trans-1,2-Dichloroethene	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloroethane 2,2-Dichloropropane	< 2 < 2	< 2	< 2	< 2	< 2	
cis-1,2-Dichloroethene	< 2	< 2 < 2	< 2 < 2	< 2 < 2	< 2 < 2	
2-Butanone(MEK)	< 10	< 10	< 10	< 10	< 10	
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10	< 10	
Chloroform	< 2	< 2	< 2	< 2	< 2	
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloropropene	< 2	< 2	< 2	< 2	< 2	
Benzene	< 1	< 1	< 1	a < 1	< 1	
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	
Trichloroethene	< 2	< 2	< 2	< 2	< 2	
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	
Dibromomethane Bromodichloromethane	< 2 < 2	< 2 < 2	< 2	< 2	< 2	
I-Methyl-2-pentanone(MIBK)	< 10	< 10	< 2 < 10	< 2 < 10	< 2 < 10	
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	
Toluene	< 1	< 1	< 1	< 1	< 1	
rans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	
2-Hexanone	< 10	< 10	< 10	< 10	< 10	
etrachloroethene	< 2	< 2	< 2	< 2	< 2	
,3-Dichloropropane	< 2	< 2	< 2	< 2	< 2	
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	
,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	
I,1,1,2-Tetrachloroethane	< 2 < 1	. < 2	< 2	< 2 < 1	< 2	
Ethylbenzene	- 1	< 1	< 1	< 1	< 1	



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

Sample ID:	Dup 1	Dup 2	Dup 3	Dup 4	Trip Blank	
Lab Sample ID:	39461.36	39461.37	39461.38	39461.39	39461.45	
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	10/22/03	
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	•
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	•
Date of Analysis:	. 11/22/03	11/22/03	11/22/03	11/22/03	11/22/03	
<b>.</b>						
Analyst:	JDS	JDS	JDS	JDS	JDS	
Method:	8260B	8260B	8260B	8260B	8260B	
Dilution Factor:	· 1	1	1	1	1	
mp-Xylene	< 1	< 1	< 1	< 1	< 1	
o-Xylene	< 1	< 1	< 1	< 1	< 1	
Styrene	< 1	< 1	< 1	< 1	< 1	
Bromoform	< 2	< 2	< 2	< 2	< 2	* 3
iso-Propylbenzene	< 1	< 1	< 1	< 1	< 1	
Bromobenzene	< 2	< 2	< 2	< 2	< 2	
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	
1,2,3-Trichioropropane	< 2	< 2	< 2	< 2	< 2	
n-Propylbenzene	< 1	< 1	< 1	< 1	< 1	
2-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	
4-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	
1,3,5-Trimethylbenzene	< 1	< 1	< 1	<.1	< 1	
tert-Butylbenzene	< 1	< 1	< 1	< 1	< 1	•
1,2,4-Trimethylbenzene	< 1	< 1	< 1	1	< 1	
sec-Butylbenzene	< 1	< 1	< 1	< 1	< 1	
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	
p-isopropyltoluene	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	*
1-Butylbenzene	< 1 < 2	< 1	< 1	< 1	< 1	
1,2-Dibromo-3-chloropropane	< 2 < 1	< 2	< 2	< 2	< 2	
I,2,4-Trichlorobenzene Hexachlorobutadiene	< 1 < 1	< 1	< 1	< 1	< 1	
	< 5	< 1	< 1	< 1	< 1	
Naphthalene I,2,3-Trichlorobenzene	< 5 < 1	< 5 < 1	< 5 < 1	< 5 < 1	< 5 < 1	



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

Sample ID:	GZ-5	GZ-6	GZ-7	GZ-8	GZ-9	GZ-18	GZ-20	GZ-4
Lab Sample ID:	39461.01	39461.02	39461:03	39461.04	39461.05	39461.14	39461.19	39461.21
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous,
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	11/13/03	:11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Date of Extraction/Prep:	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03
Date of Analysis:	11/20/03	11/21/03	11/21/03	11/20/03	11/20/03	11/20/03	11/21/03	. 11/20/03
Analyst:	LLS	LLS	LLS	LLS	LLS	LLS	LLS	LLS
Method:	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Dilution Factor:	1	10	6	1	1	1	25	. 1
Naphthalene	< 0.1	< 1	0.9	1.6	0.1	< 0.1	17	1.8
2-Methylnaphthalene	< 0.1	< 1	0.9	0.2	< 0.1	< 0.1	15	0.2
Acenaphthylene	< 0.1	. < 1	0.7	0.2	0.1	< 0.1	< 3	< 0.1
Acenaphthene	2.0	< 1	1.9	1.9	1.1	< 0.1	16	2.4
Fluorene	0.2	< 1	1.2	2.2	0.2	< 0.1	23	1.8
Phenanthrene	0.2	23	29	1.9	1.6	< 0.1	79	0.8
Anthracene	0.5	6	7.9	1.8	0.9	< 0.1	33	0.6
Fluoranthene	1.3	130	. 98	8.1 7.3	6.8 7.0	0.2 0.3	110 140	0.9 0.8
r³yrene	1.1 0.4	120 120	100 83	7.3 4.6	7.0 6.1	< 0.1	. 56	< 0.1
Benzo[a]anthracene	0.4	160	97	4.6 5.5	6.5	0.1	. 69	0.2
Chrysene Benzolbifluoranthene	0.4	160	97 91	4.2	6.8	0.1	50	0.2
Benzo[b]fluoranthene	0.3	99	49	4.2	4.0	< 0.1	50	0.2
	0.3	120	79	4.6	5.9	< 0.1	50	0.2
Benzo[a]pyrene Indeno[1,2,3-cd]pyrene	0.3	. 99	45	2.9	4.0	< 0.1	31	< 0.1
Dibenz[a,h]anthracene	< 0.1	. 99	20	1.4	1.8	< 0.1	< 3	< 0.1
Benzo[g,h,i]perylene	0.2	86	36	2.8	3.7	< 0.1	23	0.1



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

	,							
Sample ID:	GZ-24	GZ-25	GZ-26	GZ-27	GZ-36	GZ-33	GZ-31	· Dup 5
Lab Sample ID:	39461.23	39461.24	39461.25	39461.26	39461.27	39461.3	39461.33	39461.4
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/13/03
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03	11/14/03
Units:	ug/l	ug/l	ug/l	ug/l	. ug/l	ug/l	ug/l	· ug/l
Date of Extraction/Prep:	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03	11/19/03
Date of Analysis:	11/20/03	11/24/03	11/20/03	11/20/03	11/21/03	11/21/03	11/26/03	11/24/03
Analyst:	LLS	LLS	LLS	LLS	LLS	LLS	LLS	LLS
Method:	8270C	8270C	8270C	8270C	8270C	8270C	8270C	8270C
Dilution Factor:	1	102	1,	. 1	5	1	200	50
Naphthalene	0.8	120	< 0.1	0.3	2.2	0.9	590	31
2-Methylnaphthalene	0.3	150	< 0.1	0.4	1.5	0.6	320	35
Acenaphthylene	< 0.1	< 10	< 0.1	0.3	< 0.5	< 0.1	70	9
Acenaphthene	0.6	640	3.0	1.9	17	< 0.1	910	27
Fluorene	0.5	580	0.3	1.7	24	< 0.1	1300	35
Phenanthrene	2.2	4400	2.5	17	110	0.4	8000	150
Anthracene	0.6	1600	1.7	4.4	35	< 0.1	2600	53
Fluoranthene	2.6	6500	5.9	17	80	0.2	8300	200
Oyrene	2.5 1.7	6100 3400	6.4 2.2	24 13	69 <b>24</b>	0.2 0.2	8100 4300	230 110
Benzo[a]anthracene	2.0	3400 3600	2.2 2.9	15	33	0.2	4100	120
Chrysene Benzo[b]fluoranthene	2.0	2400	2.9 2.5	9.2	15	< 0.1	3400	97
Benzo[k]fluoranthene	1.5	1600	1.5	7.4	9.2	< 0.1	2600	74
Benzo[a]pyrene	2.0	2300	1.8	11	12	< 0.1	3400	88
Indeno[1,2,3-cd]pyrene	1.3	1000	1.4	5.4	6.1	< 0.1	1800	60
Dibenz[a,h]anthracene	< 0.1	490	< 0.1	2.7	3.5	< 0.1	780	< 5
Benzo[g,h,i]perylene	1.5	1000	1.4	4.9	5.5	< 0.1	1600	65

The surrogate p-Terphenyl-d14 demonstrated above acceptable recovery in sample "GZ-25". Replicate analysis on GC/MS demonstrated similar results, indicating sample matrix interference.



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

Sample ID:	. Dup 6
Lab Sample ID:	39461.41
Matrix:	aqueous
Date Sampled:	11/14/03
Date Received:	11/14/03
Units:	·ug/l
Date of Extraction/Prep:	11/19/03
Date of Analysis:	1-1/21/03
Analyst:	LLS
Method:	8270C
Dilution Factor:	10
Naphthalene	5
2-Methylnaphthalene Acenaphthylene	5 <1
Acenaphthene	62
Fluorene	88
Phenanthrene	410
Anthracene	140
Fluoranthene	310
Pyrene	320 120
Benzo[a]anthracene Chrysene	150
Benzo[b]fluoranthene	63
Benzo[k]fluoranthene	66
Benzolalpyrene	65
Indeno[1,2,3-cd]pyrene	28
Dihanala blanthrasana	4.4

Dibenz[a,h]anthracene Benzo[g,h,i]perylene



Eastern Analytical, Inc. ID#:

39461

Client: GZA	A GeoEnvironmenta	l, Inc. (NH)	Client Des	signation: <b>B</b>	erlin / Gorh	nam Mills		
Sample ID:	GZ-17	GZ-18	GZ-16	GZ-15			•	
Lab Sample ID:	39461.13	39461.14	39461.15	39461.16				v
Matrix:	aqueous	aqueous	aqueous	aqueous				
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03		Date of		
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	Units	Analysis	Method	Analys
Sulfate	100	190	16	130	mg/L	12/1/03	300.0	SEL

Sample ID:	GZ-4	GZ-28	GZ-29	GZ-33		•		
Lab Sample ID:	39461.21	20464.20	20464.20	20464.2				
Matrix:	_ +	39461.28	39461.29	39461.3				
Date Sampled:	aqueous 11/13/03	aqueous 11/14/03	aqueous 11/14/03	aqueous 11/14/03		Date of		
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	Units	Analysis	Method	Analys
			11/14/03					
Sulfate	5	17	27	120	mg/L	11/20/03	300.0	SEL



Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

percentage of the second secon		· · · · · · · · · · · · · · · · · · ·				
Sample ID:	GZ-30	Dup 9				
						1
Lab Sample ID:	39461.32	39461.44				
Matrix:	aqueous	aqueous		•		•
Date Sampled:	11/14/03	11/14/03	•		Date of	7
Date Received:	11/14/03	11/14/03		Units	Analysis	Method Anal,
Sulfate	32	100		mg/L	11/20/03	300.0 SFI

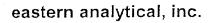


Eastern Analytical, Inc. ID#:

39461

Sample ID:  Lab Sample ID:  Matrix:		GZ-6 39461.02	GZ-9	GZ-10	)			
Matrix:		30461.02						
		33401.02	39461.05	39461,06	<b>;</b>			
	aqueous	aqueous	aqueous	aqueous	;			
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03		Date of	*	
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	Units	Analysis	Method	Analys
Arsenic	0.033	0.008	0.001	0.002	mg/L	11/24/03	200.8	DS
Barium	0.11	0.052	0.15	0.054	mg/L	11/24/03	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	· DS
. Chromium	< 0.001	< 0.001	< 0.001	0.013	mg/L	11/24/03	200.8	DS
Lead	< 0.001	0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	DS
Mercury	< 0.0001	< 0.0001	< 0.0001	< 0.0001	mg/L	11/24/03	200.8	DS
Selenium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	- DS

Sample ID:	GZ-11	GZ-22	GZ-17	GZ-16				
· · · · · · · · · · · · · · · · · · ·								
Lab Sample ID:	39461.07	39461.11	39461.13	39461.15				
Matrix:	aqueous	aqueous	aqueous	aqueous				
Date Sampled:	11/13/03	11/13/03	11/13/03	11/13/03	Units	Date of Analysis	Method	Applyet
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	Units	Anarysis	method	Analyst
Arsenic	< 0.001	0.021	0.001	0.001	mg/L	11/24/03	200.8	DS
Barium	0.11	0.19	0.077	0.040	mg/L	11/24/03	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	DS
Chromium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	0.017	mg/L	11/24/03	200.8	DS
Mercury	< 0.0001	< 0.0001	< 0.0001	< 0.0001	mg/L	11/24/03	200.8	DS
Selenium	< 0.001	0.002	0.002	< 0.001	mg/L	11/24/03	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	mg/L	11/24/03	200.8	DS



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	Easter	n Analytical,	Inc. ID#:	39461			***************************************
Client:	GZA GeoEnvironmenta	al, Inc. (NH)	Client De	signation:	Berlin / Gorham Mills		ı
Sample ID:	GZ-15	GZ-20	GZ-4	GZ-2	4		***
Lab Sample ID:	39461.16	39461.19	39461.21	39461.2	3		
Matrix:	aqueous	aqueous	aqueous ·	aqueou	S ·		
Date Sampled:	11/13/03	11/13/03	11/13/03	11/14/0	3 Date o	f	1
Date Received:	11/14/03	11/14/03	11/14/03	11/14/0	3 Units Analysis	Method	Analy
Arsenic	0.012	0.033	0.006	0.004	mg/L 11/24/03	3 200.8	q.
Barium	0.20	0.14	0.67	0.022	mg/L 11/24/03	200.8	þ
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L 11/24/00	200.8	ĎS
Chromium	0.012	< 0.001	< 0.001	< 0.001	mg/L 11/24/03	200.8	· De
Lead	0.025	0.005	< 0.001	< 0.001	mg/L 11/24/03	200.8	d
Mercury	< 0.0001	< 0.0001	< 0.0001	< 0.0001	mg/L 11/24/03	200.8	DS
Selenium	< 0.001	0.001	< 0.001	0.001	mg/L 11/24/03	200.8	ំ ពុទ
Silver	< 0.001	< 0.001	< 0.001	< 0.001	mg/L 11/24/03	200.8	. 4
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Sample ID:	GZ-26	GZ-28	GZ-29	GZ-33	3		•
Lab Sample ID:	39461.25	39461.28	39461.29	39461.3	·		SHOWER .
							ſ
Matrix:	aqueous	aqueous	aqueous	aqueous	Date of		1
Date Sampled:	11/14/03	11/14/03	11/14/03	11/14/03	Units Analysis	Method	Analys
Date Received:	11/14/03	11/14/03	11/14/03	11/14/03	3		
Arsenic	0.003	0.006	0.002	< 0.001	mg/L 11/24/03	200.8	С
Barium	0.072	0.037	0.006	0.042	mg/L 11/24/03	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	mg/L 11/24/03	200.8	De
Chromium	< 0.001	< 0.001	0.001	< 0.001	mg/L 11/24/03	200.8	ם
Lead	< 0.001	< 0.001	< 0.001	< 0.001	mg/L 11/24/03	200.8	DS
Mercury	< 0.0001	< 0.0001	< 0.0001	< 0.0001	mg/L 11/24/03	200.8	De
Selenium	< 0.001	0.001	< 0.001	0.001	mg/L 11/24/03	200.8	d
Silver	< 0.001	< 0.001	< 0.001	< 0.001	mg/L 11/24/03	200.8	DS
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							No.
							1

eastern analytical, inc.

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Eastern Analytical, Inc. ID#:

39461

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Berlin / Gorham Mills

Sample ID:	Dup 7	Dup 8	
I. I. Canada ID.	20.404.40	00404 40	
Lab Sample ID:	39461.42	39461.43	
Matrix:	aqueous	aqueous	
Date Sampled:	11/14/03	11/14/03	Date of
Date Received:	11/14/03	11/14/03	Units Analysis Method Analys
Arsenic ·	0.033	0.020	mg/L 11/24/03 200.8 DS
Barium	0.10	0.19	mg/L 11/24/03 200.8 DS
Cadmium	< 0.001	< 0.001	mg/L 11/24/03 200.8 DS
Chromium	< 0.001	< 0.001	mg/L 11/24/03 200.8 DS
Lead	< 0.001	< 0.001	mg/L 11/24/03 200.8 DS
Mercury	< 0.0001	0.0001	mg/L 11/24/03 200.8 • DS
Selenium	< 0.001	0.001	mg/L 11/24/03 200.8 DS
Silver	< 0.001	< 0.001	mg/L 11/24/03 200.8 DS

								Ristell	IE5	أفاصينا	NALY	SES																	
ITEM # FOR LAI USE ONLY	Sample I.D.	SAMPLIN DATE/TII	IG. P	MATRIX A-AR S-SCIL IW-GROUND WATER IW-SURINCE WATER W-DEINTING WATER AW-WISTE WATER IC OTHER	TBE Date		Enrew	HAWH		CHEMIC CONTROL CONTERH			Oroc Orac Ossesies Metooria Monu			CHO, CHO, CHO, No.				M.	Į.	Ě		OT, Chiagai OE, Corpuir OF, Cressin	Off. State   DEpartment of			# or Coperation	NOTES MEOH YM. #
/	GZ-5	11/13/03	905	GW	X			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X				X			<u> </u>	-											4	
2	62-6	17 /	940		X				X			1	X									L.						4	:
13	GZ-7	70	735		X				X																		·	3	:
4	GZ-8	1 7	1010		X				X															1				3	
5	GZ-9		1000		X				X										·								(Carrier of the Carrier 3		
	GZ-10		020		Χ								X									T				·		3	
67	GZ-11		1030		X								X											1				3.	
8	GZ-12	1	100		X												7										- Contraction of the Contraction	2	
9	GZ-13		100		又		T														1				1			12	
10	GZ-14	1/1	120	V																							Ì	2	
	Preservative: H-HCl; N-HNO <sub>3</sub> ; -H <sub>2</sub> SO <sub>4</sub> ; Na-NaOH; M-MEOH				Ħ				-	-			N																
PROJECT COMPAN ADDRESS	MANAGER <u>Steven</u> La Y GZA Geo Fauiro 380 Horvey Roa	imb onmental, I	Enc.		OTHER	METALS	#8	RCRA	Метл	NLS □F	E, MN	□13 P	P META	als					(Guara	LTS NEI KIELD LUII QC RE	TULNAR	ÚND NEI	DS PRE-	APPROVAL	1	Z/L/ G OPT		- Ace	OR LAN USE ONLY EARD TO EPA PROTECT ONLY
CITY	Vlanchester STA	ATE NH	ZIP 03/0	03		VED METALS						□No							, <b>Ø</b> A		B			<b>W</b> H	ARD C	COPY	□FAX		ICENSION DING
PHONE FAX	(603) 623-3600 (603) 624-9463		Ехт		*	NOTES ON	: (1E: S	pecial I JS+	DETEC ON	TOOK L	IMITS, B	$N\rho$	INFO. IF	DIFFER Z-C	ENT)	12	A	S	□na.	DATA ENN	KCENENT	Pacaage	•		CTRON -MAIL	OD:s	ĸ		ica Sta. Oho Invoir Sal Invail Ota Oho
E-MAIL SITE NA	slamb@gza.com ME Berlin/Gorham /	Mills				ON	Si	il	010	5 .	(_	7	-4			•		1		OTE # _ #	n.		K4	r Kl.				P	
PROJECT					1				1,	_		1 —	1	•					SAM	# pi FR/S\	n.	Kir	Klar	JM	ino I Fi	ller	Tik	artn	nn s Kar
	WH DMA* DME D	VT OTHER			-											. : • •			8	M2	llas	1	(114)	03	B	10	1/0	Va	ransky Repbel
SITE I	NVESTIGATION D	SITE REMEDIATION													Daw				RELI	NQUISH	ED BY		TE			TIME	/YR	CEIVEB	BY
□WAS7	E CHARACTERIZATION/PROFILE D	SITE HISTORICALLY	CONTAMIN	NATED									٠.	•	TAM	1		-	RELI	NQUISH	ED BY	0/	NTE.	<del></del>		TIME	R	CEIVED	В

eastern analytical, inc.

25 CHENELL DRIVE | CONCORD, NH 03301 | Tel: 603 228.0525 | 1.800.287.0525 | Fax: 603 228.4591 | E-Mail: Customer\_Service@eailabs.com | www.eailabs.com

(WHITE: ORIGINAL YELLOW: PROJECT MANAGER)

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										Re	OUE	Varia	ANA	LYSE	ę.							76 I						3		(		Signer 1	
ITEM # For Lab Use Orey	SAMPLE I.D.		SAMP DATE/	LING. TIME	MATRIX A-AIR S-SOIL GW-GEODHE WITER DW-DARRING WITER LI OTHER G-U	TANSTAL COSTAL:  STALL HER COLL HIRE CON THE PALL IN WRITTON	Office Office Office Angretic	Din Ra, Fr. See Lan Day 18 flan Dot Oracion	100	THE CHAIN CHAIN CHAIN	NATIO ACIDI OSTRICI	-	DISTRIBUTE CHRONO CHARPH	1664 DIPN 1664	OTOP 1311 CARN CHROLE	2		OT OT OT OT OT OT OT OT OT OT OT OT OT O		_	0000		Clong Pig. Cl. As. Guorge	Chreve CTRC	Olou, Cheer Olon Sure	Chaume Charge Chaume house	биент Пвимит	OI. Cosposit OE. Cosposit OI. Cosposit	Of fige Otenbood			# or Contidues	NOTES MEDH VIAL #
7//	G-Z-22	1,	1/13/03	1,1120	GW		X					<u> </u>		9-2-		X	سا		یں				_	1-5								3	
12	G2-21		1	11140	1		X	1.			<u> </u>					1				·				1					-			a.	
3/3	G2-17		1-1	1220			(							1	1	X			X													4	
14	6-2-18			1210							X			1	1	-	-	-	X				1	1	1	1	,					4	
15	G-Z-16			1245		17	F			_	1		1	1	1	X			X				1	1								4	
1/	G-Z-15			1240	1:	十代	7	$\Box$		+	$\top$				1	X			X				7		1							4	
17	G2-1		1	1310		1-1				1	_		1	_	-	123			(2)					$\vdash$	1			1				a	
.18	02-12		1	1315		† †				7	1	$\Box$	1	-	-	1	1	1	<del>                                     </del>				1	1	†	1	1	1				a	1
19	GZ-20		1	(1530		11	<b>X</b>				Tx	1	1	1	†	X	-	1					_	$\top$	1	1	<u> </u>	-		$\Box$		4	
120	G-Z-3	<del></del>	*	1535	1	1	7		$\dashv$		1	1	$\dashv$	1	1	1	╁	+			-		+	+	<b>†</b> ,	1	1		-			a	
F	Preservative: H-HCI; N-HNC -H2SO4; Na-NaOH; M-MEC		<u> </u>				H				-		T.		1	N		1	_					1	1	1						Ĭ	
COMPAN' ADDRESS CITY			)	ZIP_EXT			OTHER 1	D MEN	ALS FIE	LD FIL	TERED!		<b>@</b> Yes		40								RESULT: Gramme QA/Q: DA	CREP	TURNURO ORTIN	G LEV	EL EL	REPO	ORTINI	IG OPT		^	FOI LAB USE ONLY ONERED TO EPA PROTOCOL YES NO (LEESATTAGNED) YE C
				EXT		1		No	TES; (IE	: SPEC	IAL DET	ECTION	LIMIT	s, Billin	IG IN	FO. IF	DIFFE	RENT)				'	□MA DA	TA ENRAM	CEMENT . I	ACKAGE			TRON	NIC DDISI	~		CUSTODY SEAL BROACT?
E-MAIL							* : : '																Quori	#				~		1010	`,,,	, L	
	ME					1																i	P.O.#	-	5	20	- 1	A	90	5	10	- (	5
PROJECT			. :			1										•	÷						SAMPLE	R(S)	-27	77			<i>)</i>	·. 		1	1
	DNH DMA* DME	□VT				1	12.												. :				RELINC		hele	W DA	14/14	63		15/1) TIME	1	ECEIVE	Coupo
	VESTIGATION		REMEDIATI				,																										(
LIVVAST	E CHARACTERIZATION/PROFILE	: USITI	HISTORICA	ULLY CONTAN	MINATED											•					. • .		RELING	UISHE	D BY	DA	re			TIME	≟	RECEIVE	D BY
IA n						I	, * s.					;;			22								RELING	UISHE	D BY	DA	TE	<del></del>	-	TIME	E F	<b>LECEIVE</b>	D BY

25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-MAIL: CUSTOMER\_SERVICE@EAILABS.COM | WWW.EAILABS.COM | WHITE: ORIGINAL YELLOW: PROJECT MANAGER)

N

			MATRIX A-ALA S-SOR GW-GROUND WATER SW-SURFACE WATER DW-DANKING WATER UNDERSTORMEN CONTRACT G-CU	1524.1 C153.4.2 HTBE MAL MILLIST BM82460B MS.	r Lsr Por Sout: Lsr	(60)	Heta/Etimos/Etimos	CHRISTO CHAIPE	OTPH FINGSYART	HIDKO CIMAEPH	1090	¥8¥		The state of the s	DIN Cries	JF \$50,	Cox. OTOMHOSTY	9		OT. Pres.	Press. OT. Res. Unterne	Films Green		Пертилит	CE. Coulom	CEmposa				g.	
TEM #		SAMPLING.	DW-DANKING WATER		¥ 2	58	ð		ð	D	7087			ES A	E	20	, A	ě	و 5	É	<b>£</b> (		Cumer	. 1	2.3					Centures	Notes
USE OHLY	SAMPLE I.D.	DATE/TIME	C) OTHER				- Krouse	CHEGEO	E CO	CHEDRO CHIDRO		TILL B IN	OYOC OPEN	) Year	10.5		Ē	0800 0080	) (2. A		O I		Studies	- FUSINGER	10 G	Ö			]	± .	MEOH YUL #
21	G-Z-4_	11/13/03/,1605	GW	X					X_				X			X	<u> </u>						1	1	_					5	
22	GZ-23	11/13/03/,1615		X												<u> </u>	<u>L</u>	<u> </u>								ļ			0		
23	62-24	11/14/03/0840		X					X_	L						1	<u> </u>		7										L		
24	G2-25	1 /0800		$\square X$				1	<b>X</b>				¢																	3	
25	G2-26	0815		$\perp \chi$					X				_\x																- 4		
76	62-27	/0855		X					X					1																3	
27	GZ-36	10940		X		ŀ			X																					3	
.28 29	GZ-28	10945	1	$\perp$ X						1			X		L	X			·]											4	
	GZ-29	1000		X												X						:								4	
30	G-Z-33	1030	₩	X					X					X.	.	$\times$			Ŀ					1		L				8	
S-	RESERVATIVE: H-HCI; N-HNO3; H <sub>2</sub> SO <sub>4</sub> ; Na-NaOH; M-MEOH			H					-				N			_	-					Ĺ	1								
PROJECT I	See VAG	E LOFS	)	Оп	IER META		₩8	RCRA	METALS	OFE	MN C	13 i	PP MET	ALS				_		4.7					ERRED DA						LAN USE ONLY
ADDRESS																				-	QC R							TIONS	1	C)Yes 1	OHO (IE THICKE)
	STA		<del></del> ,	Diss	OLYED M						ES (						<del></del> -					DB		C.	1		7	□FAX	١ ١	le	H DAN ONO
FAX						VOTES: (	(把; SP	ECIAL (	DETECTI	ON LIP	MITS, BIL	LING	INFO. IF	DIFF	ERENT)	)				CHA	DAYA EN	(AKCEMEN	PACIA	iŧ .		CTRO	NIC L []DI	ςκ	- {	Cus	STEE CONO
E-MAIL																			1	Quo	TE#		•		,				Į		
SITE NAM					•															P.O.	#			(	1		200	20_	10	2	$\leq$
Project	# <u></u>												•						1:		LER(S)		44		LL.	1	n	<u>)                                    </u>	(	~ <i>/</i>	) —
		VT DOTHER														:				RELE	<b>NAM</b>	(ED B)	W	ATE	114/0	3	151	0	Rec		gumploc.
		SITE REMEDIATION								;																					
TOVVASTE	CHARACTERIZATION/PROFILE D	SITE HISTORICALLY CONTAI	MINATED		. •		•										•			RELE	QUISI	IED B	′ [	DATE			Tim	E ,	RECE	IVED 1	Вү
M	eastern analytical,	inc. 25 CHENELL DR	IVE   CONCORD	NH 0330	TEL: 6	03.228	.0525	5   1.80	0.287.0	525	FAX; 60	3.22	8.4591	E-I	MAIL: 0	USTO	MER S	SERVIO	 :E@E#	200	OM I				m		I in	IE .	RECE	IVED	Вү

(WHITE: ORIGINAL YELLOW: PROJECT MANAGER)

										REQ	UE9		ANA	LYSE	s							- 1											7.45
ITEM # For Las Use Only	SAMPLE I.D.	Sami	PLING. E/TIME	MAT		CONFIGURAÇÃO DE A TOR ENCO CONTRA DE SEA DE ENCO CONTRA DE SEA DE CONTRA DE	Jaki Proseenium 1802/ik Arkenna 1803/ik Arkenna	TOTAL CONTROL	ONETAME OF MENVENIMENTERS	CHEGAO CHINGAO CHAYPH	CARY CA CON CPAN	DIPH Lett. 1. CIPM FINGURARY		Chery DPG	DICE 1311 CARI CARIC	Obstorie Nebu	Diena, Menas	ions on the constant of the co	JEN, CICL CIF RESO, JEO, CIEO, CHO,/Ne,	CIPIL CISPRE, CON. CITURINOTT	C1800 C1800	Ottos Air	Ourse Prog. Cil. Res. Grazave	1	Dies Come Colon State	CARACTER COMPSE CARACTER SOLVER	Division Diembeum	CIT. Cozob OE Gurdin Of, Cokobi	Of sno Otensees			# от Сокинта	Notes Heoh Via: #
37	G2-35	11/14/03	1030	G	J	X				1		9-1-5						20	بيو	-				1					<u> </u>	$\sqcap$		2	
32	G-Z-30	17/402	1,45			X	1		1					1		1	1	,	X											П		3	
33	G-2-31		1120			X			1	1-	X			$\top$			Г															3	
34	G2-32		1100	1		X					7.	$\top$		1	1		Τ							┰		-		1				2	
35	GZ-34		1000			X		1	Ì	1		Ť	1		$\top$						1										1	2	
36	Dup 1	11/13/03				X		-	1			T		7	1					4	1	T	$\top$		1							2	
37	Dupa	- Infragrices	1615			X			7				1	1	1							1	十									8	
38	Dup 3	/	1620			X							1		╁	1												$\top$			$\Box$	व	
39	Dua 4	/	1630		`	X					1				1							-		1	1.							2	
40	Du o 5	/	1640	V							X										Ţ			1.				T		П		1	
P S	RESERVATIVE H-HCI; N-HNO3; H <sub>2</sub> SO4; Na-NaOH; M-MEOH					H					-		i,						_														
COMPANY	MANAGER See		165			On	HER ME	TALS	<b>20</b> 6	RCR	A Met	ALS 🗆	Fe, M	1n □1	3 PP	METAI	S					9	ZTJUZB BETKAKKU	D EAPID	TUKKATOU	KD WEED	S PRE-	approval)	)	ig Opt		ADH	FOR LAB USE ONLS HERED TO EPA PROPER ES (IN) (RE)ASSASSASSASSASSASSASSASSASSASSASSASSASS
CITY		STATE	ZIP			Dis	SOLVED	METALS	FIELD	FILTE	RED?	4	YES		NO.		•				- 1		];A	D8		ШC	- 1			Copy [		TEMP.	1000
			Ехт			_		Notes	: (IE: S	PECIAL	DETE	CTION	LIMITS	s, Billir	IG IN	O. # (	OIFFER	ENT)			- [	Ε	JMA Dat	a Enhanc	EKENT P	ACKNOE*	ł	ELEC	CTROP	4IC		1 .7	CONTOUR SEAR INTACT!
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E-MAIL	***														٠.	-							Quote						7.0		1 - 1	5_	
	#			<del></del>																•	1		O.# Ample			(ج.	ee	<del>_ {</del>	PO	70	-1-04		<del>}</del>
STATE:	ONH OMA* OME	OVT DOT								÷									. :		•	, 144. ,	LELINO	W	KI	ld DA	<i>β</i> ΤΕ <i>l</i>	14/0	13	151 TIME		No.	rappel
	CHARACTERIZATION/PROFILE		• • • • • • • • • • • • • • • • • • • •	MINATED									-				•.					1	RELINQ	UISHE	BY	DA	T <b>E</b>	<del></del> -		TIME	Ri	ECEIVED	BY
MA	A eastern analytical	, Inc.	Chichical Da			<u>.</u>	A	i. Nadala					'	71	٠.	· .				¥÷,			KELINC	JUISHE	э ВY	DA	TE.		•	TIME	, R.	ECEIVED	> BY

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						i	EOU	esTei	AN	ALYS	ES						er er											
ITEM # for Lub Use Only	Sample I.D.	Sampling Date/Time	MATRIX A-IA S-Sol GW-Glooko Witer SW-Sohkoe Water DW-Dahidok Witer WW-Waste Water CI Ohke	OSS. OSS. OSS. OSS. OSS. OSS. OSS. OSS.	CONTINUE MANAGED CONTINUES SAVE LOS CONTINUES SAVE	CHINE CHINEFTHE	CHEGGO CHINGRO CHANTHI		CHEDKO CONHORO COMREPR	Oper Oper (44 Oper 164		OBPOSOCIO MERUS	FOLL FOUR TO COURS TRY COURS		Orl Ofric Cn. OTsewar	OT. Ar OSEM. Ar.	Colon Ark Cotton Cotton	Clorus Proc. CT. Its. Crease	CICOD CIPREROS CITOC	Offer Care Circle jury	CINLUCING (TOWNS CONCOUNTS NASERS	MONTH I	W 21	Of the Otherwood	And the second s		# 04 Conturets	NOTE Medh Yw
41	Dup 6	11/19/03/1130	GW					X																			1	<b></b>
47	Dup 7	1 /1140	1									X						L		1:				1			1	
43	Dap 8	1.1150										X																
44	Dup 9.	1200	1											X								2					F	
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						1		1					1					1		1				П			1	
S	Preservative: H-HCl; N-HNO3; i-H2504; Na-NaOH; M-MEOH	· · · · · · · · · · · · · · · · · · ·						_				N		-														
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eastern analytical, inc.
25 Chenell Drive | Concord, NH 03301 | Tel: 603:228.0525 | 1.800,287.0525 | Fax: 603.228.4591 | E-Mail: Customer\_Service@eailabs.com | www.eailabs.com

(WHITE: ORIGINAL YELLOW: PROJECT MANAGER)

## **DOCUMENT 8**

## COVENANT NOT TO SUE FRASER/NADC – OCTOBER 3, 2006

## ASSIGNMENT AGREEMENT (Covenant Not to Sue)

THIS ASSIGNMENT AGREEMENT, dated as of October 3, 2006 is made by and between Fraser N.H. LLC, a Delaware limited liability company (the "Seller"), and North American Dismantling Corp., a corporation organized and existing under the laws of the State of Michigan (the "Purchaser").

#### RECITALS

WHEREAS, the Seller owns certain real and personal property which it intends to convey to the Purchaser (the "Assets") pursuant to that certain Asset Purchase Agreement, dated as of October 3, 2006, between the Seller and the Purchaser (the "Asset Purchase Agreement");

WHEREAS, pursuant to the Purchase Agreement, the Seller has agreed to sell and convey the Assets to the Purchaser and the Purchaser has agreed to purchase such Assets;

WHEREAS, pursuant to the Purchase Agreement, the Purchaser has agreed to assign to the Purchaser certain of the rights of the Seller under a certain Covenant Not to Sue dated May 30, 2002 among the Mt. Carberry Landfill LLC, GNE LLC, the Seller and The State of New Aampshire (the "Covenant");

WHEREAS, the execution and delivery of this Agreement are contemplated by the Asset Purchase Agreement.

NOW, THEREFORE, in consideration of the foregoing, and the mutual covenants and conditions contained herein, the Parties hereto agree as follows:

- 1. Definitions. Capitalized terms used but not defined herein shall have the respective meanings given to such terms in the Asset Purchase Agreement.
- 2. Assignment. For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Seller does hereby sell, assign, convey and set over unto the Purchaser, all of the rights of the Seller under and arising out of the Covenant and relating to the Purchased Assets. Pursuant to Section 5 of the Covenant, the Seller shall retain the protection provided to it under the Covenant.
- 3. Entire Agreement. This Agreement, the Purchase Agreement (including the Schedules to the Purchase Agreement), and the Bill of Sale contain the entire agreement between the Parties hereto and with respect to the subject matter hereof, and supersede all negotiations, representations, warranties, commitments, offers, contracts and writings prior to the execution date of this Agreement, written or oral. No modification or amendment of any provision of this agreement shall be effective unless made in writing and duly signed by the Parties referring specifically to this Agreement.

4. <u>Notices</u>. Any notice, demand or other communication required or permitted to be given hereunder or under the Agreement will be deemed to have been given when delivered personally to the party designated to receive such notice, or on the date following the day sent by overnight courier, or on the third business day after it shall have been sent by certified mail, postage prepaid, return receipt requested, addressed as follows, or to such other address as a party may designate by written notice duly given hereunder:

If to Seller, to:

Fraser N.H. LLC 72 Cascade Flats Gorham, NH 03588 Attn.: Mill Manager

Telephone: (603) 342-2000 Telecopier: (603) 342-2261

With a copy to:

General Counsel Fraser Papers Limited 82 Bridge Avenue

Madawaska, ME 04756

Telephone: (207) 728-8276 Direct Line

Telecopier: (207) 728-8707

If to Purchaser, to:

North American Dismantling Corp.

380 Lake Nepessing Road

P. O. Box 307

Lapeer, MI 48446-0307 Telephone: 810-664-2888 Telecopier: 810-664-6053

With a copy to:

Dennis W. Strelchuk, Esq.

Dennis W. Strelchuk & Assoc., PLLC

650 Broadway, P.O. Box 310 Davisburg, MI 48350-0310 Telephone: (248) 328-1300 Telecopier: (248) 328-0600

- 5. Counterparts. This Agreement may be executed in one or more counterparts, each of which is an original, but all of which together constitute one and the same instrument. Facsimile signature pages shall constitute originals for all purposes.
- 6. Captions. The captions of the various sections and subsections of this Agreement have been inserted only for convenience of reference and do not modify, explain, enlarge or restrict any of the provisions of this Agreement.
- 7. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of New Hampshire without regard to its conflict of law principles. The Parties to this Agreement irrevocably submit to the exclusive jurisdiction of any

New Hampshire state or federal court sitting in Concord, New Hampshire in any action or proceeding arising out of or relation to this Agreement, and the Parties hereto irrevocably agree that all claims in respect of such action or proceeding may be heard and determined in such New Hampshire state or federal court. The Parties to this Agreement irrevocably waive, to the fullest extent permitted by law, the defense of an inconvenient forum to the maintenance of such action or proceeding. ANY PROCEEDINGS ARISING OUT OF AND/OR RELATING TO THIS AGREEMENT SHALL BE RESOLVED BY A JUDGE TRIAL WITHOUT A JURY AND THE RIGHT TO A JURY TRIAL IS WAIVED, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW. The Parties agree that a final judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by law.

IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement as of the date first written above.

SELLER:

FRASER N.H. LLC

By:

Title: PRESIDENT

By: Name: WAYNG Johnson

Title: Controller

**PURCHASER:** 

NORTH AMERICAN DISMANTLING CORP.

Name: Pick Marcicki
Title: president

# FraserPapers BERLIN-GORHAM OPERATIONS

650 Main St. Berlin N.H. 03570

October 2, 2006

Michael P. Nolin, Commissioner Department of Environmental Services 29 Hazen Drive Concord, New Hampshire 03301

RE: Fraser Papers - Berlin/Gorham, NH

Dear Commissioner Nolin:

This is to notify the Department of Environmental Services that Fraser N.H. LLC ("Fraser") has assigned all of the rights, powers and benefits granted in the Covenant Not to Sue in re: Acquisition of Berlin/Gorham Mills; the Mt. Carberry Landfill; and Certain Hydroelectric Assets dated May 30, 2002 ("Covenant") as allowed by the Covenant and only as they pertain to that portion of the former Berlin pulp mill site that has been conveyed on this date to North American Dismantling Corp., which site is set forth in the property description as an attachment to this letter. Fraser shall retain the protections provided to it under the Covenant.

Very truly yours, FRASER NH LLC

David L. Bishop Manager, Technical, Environment & Quality

Attachment

cc: Michael J. Walls, Assistant Commissioner, DES Jennifer J. Patterson, Esq., Senior Assistant Attorney General

## DOCUMENT 9

# LETTER FROM NEW HAMPSHIRE ATTORNEY GENERAL RE: CONFIRMATION OF COVENANT ASSIGNABILITY

## 110 25 206

## ATTORNEY GENERAL DEPARTMENT OF JUSTICE

33 CAPITOL STREET
CONCORD, NEW HAMPSHIRE 03301-6397

KELLY.A. AYOTTE
ATTORNEY GENERAL



ORVILLE B. "BUD" FITCH II
DEPUTY ATTORNEY GENERAL

December 21, 2006

Jack P. Crisp, Jr., Esquire Crisp & Associates, PLLC 6 Loudon Road Concord, New Hampshire 03301

Re: Fraser Compliance with May 30, 2002 Environmental Agreements

Dear Attorney Crisp:

You have requested a letter confirming the compliance status of Fraser N.H., LLC ("Fraser") with environmental agreements executed by Fraser, the New Hampshire Department of Environmental Services ("DES"), and other parties on or about May 30, 2002.

This will confirm that as of October 4, 2006, Fraser was subject to no outstanding environmental compliance issues with respect to the company's operations in Berlin, New Hampshire. However, under the Covenant Not To Sue In Re: Acquisition of Berlin/Gorham Mills ("Covenant") and associated agreements (copies attached), as of that date Fraser did remain subject to ongoing obligations including, but not limited to, acceptance and treatment of the leachate stream from the closed Dummer Yard landfill, and cooperation and long-term cap maintenance at the PCB-contaminated T-1 transformer site. Thus, as of October 4, 2006, any assignment or transfer of the Covenant would be subject to compliance with Fraser's obligations as specified therein. See Covenant, paragraph 5(a).

Letter to Attorney Jack P. Crisp, Jr. December 21st, 2006 Page 2

I hope this is helpful. Please do not hesitate to contact me if you have further questions.

Very truly yours,

Jennifer J. Patterson

Senior Assistant Attorney General Environmental Protection Bureau

(603) 271-3679

JJP/cmc

-Enclosures

ce: Thomas S. Burack, Commissioner, DES

G. Dana Bisbee, Esquire (Counsel for Fraser)

## COVENANT NOT TO SUE IN RE: ACQUISITION OF BERLIN/GORHAM MILLS; THE MT. CARBERRY LANDFILL; AND CERTAIN HYDROELECTRIC ASSETS

This Covenant Not to Sue In Re: Acquisition of Berlin/Gorham Mills; the Mt. Carperry Landfill; and Certain Hydroelectric Assets (the "Agreement") is entered into this day of May of 2002 by the State of New Hampshire and Fraser N.H. LLC ("Fraser"), GNE LLC ("GNE"), and Mt. Carberry Landfill LLC ("Landfill"). (The three entities are also referred to collectively herein as the "Purchasing Entities").

#### RECITALS

WHEREAS, Fraser, GNE and Landfill seek to acquire substantially all of the business assets (the "Transferred Assets") of Pulp & Paper of America, LLC; Pulp of America, LLC; Paper of America, LLC; Railway of America, LLC; Berlin Mills Railway, Inc.; Hydro of America, LLC; American Tissue-New Hampshire Electric, Inc.; and Landfill of America LLC (collectively the "Debtors"); all debtors-in-possession under Chapter 11 cases being jointly administered in the United States Bankruptcy Court for the District of Delaware as Case No. 01-10370 (the "Bankruptcy Case"), pursuant to an Asset Purchase and Sale Agreement dated April 10, 2002, as amended April 24, 2002 and as further amended May 6, 2002 (the "Acquisition Agreement");

WHEREAS, on May 9, 2002, the Court entered an Order Approving Debtors' Sale of Assets Free and Clear of All Liens, Claims and Encumbrances Pursuant to 11 U.S.C. §§105 and 363 and Approving Assumption and Assignment of Certain Executory Contracts and Unexpired Leases, which Order was docketed May 10, 2002 (the "Sale Order");

WHEREAS, among the Transferred Assets to be acquired by Fraser are various parcels of real estate, together with improvements thereon; a paper mill in Gorham, New Hampshire; a pulp mill in Berlin, New Hampshire; and associated other real property (the "Fraser Acquired Real Property");

WHEREAS, among the Transferred Assets is a landfill facility at Mt. Carberry in Success Township, New Hampshire, that will be purchased by Landfill (the "Landfill Acquired Real Property");

WHEREAS, among the Transferred Assets to be acquired by GNE are various parcels of real estate and six hydroelectric dams, related powerhouses and facilities in Berlin, Gorham and Shelburne, New Hampshire (the "GNE Acquired Real Property");

WHEREAS, there exists contamination on, under and adjacent to the Acquired Real Property (as hereinafter defined in Paragraph 1) that was not caused by the conduct or activities of the Purchasing Entities, or any Affiliate of the Purchasing Entities;

WHEREAS, the extent and nature of existing contamination on, under or adjacent to this Acquired Real Property is not known with certainty;

WHEREAS, the Purchasing Entities have requested, as a condition to the acquisition of the Transferred Assets, binding assurances against liability to the State of New Hampshire and the United States of America for Existing Contamination on, under or adjacent to all Acquired Real Property, including the Androscoggin Riverbed;

WHEREAS, Fraser is prepared to make substantial, post-acquisition investments to improve operation of the Berlin/Gorham mills and to bring operations into compliance with applicable state and federal environmental laws and regulations;

WHEREAS, Fraser is also prepared to enter into discussions with the Town of Gorham and the City of Berlin that will allow for their membership in the Mt. Carberry Landfill LLC and joint ownership and operation of the Mt. Carberry landfill on terms acceptable to all parties;

WHEREAS, Fraser has agreed to accept the leachate stream from the closed Dummer Yard landfill for processing in the wastewater treatment plant of the Burgess mill, pursuant to the "Agreement for the Treatment of Dummer Yard Leachate" between the State and Fraser attached as Exhibit A;

WHEREAS, Fraser has agreed to work in concert with the New Hampshire Department of Environmental Services and the United States Environmental Protection Agency to remediate pre-existing PCB contamination at the T-1 transformer station at the Burgess mill, pursuant to the "Agreement for Addressing PCB Contamination at T-1 Transformer Area" executed by the State, Fraser and the U.S. Environmental Protection Agency and attached as Exhibit B; and

WHEREAS, the State anticipates that acquisition of the Transferred Assets by Fraser, GNE and Landfill - - together with Fraser's substantial capital investment in environmental and operational improvements at the Berlin/Gorham mills, lawful operation of the mills, treatment of Dummer Yard leachate, pursuit of joint ownership of the Mt. Carberry landfill, and assistance in the implementation of the T-1 transformer site remediation - - will result in substantial environmental and economic benefits for the Berlin/Gorham region and for the State of New Hampshire;

NOW THEREFORE, based on the above-referenced recitals and the promises contained herein, and for other good and valuable consideration, the sufficiency of which is hereby expressly confirmed, the State, Fraser, GNE and Landfill agree as follows:

#### 1. Definitions:

- (a) "Acquired Real Property" shall be used as a collective term to refer to the real property together with buildings and improvements thereon to be acquired by Fraser, GNE and Landfill and described in the Acquisition Agreement and the Sale Order.
- (b) "Affiliate" shall mean any entity controlling, controlled by, or under common control with an entity, where control of an entity means ownership of more than five percent (5%) of the voting interests of the entity.
- (c) "Cell House Site parcel" means property located at Berlin Tax Map 129, Lot 54 that is the subject of a minor subdivision reviewed by the Berlin Planning Board on February 28, 2002, which property is more particularly described in the Acquisition Agreement and the Sale Order.
  - (d) "Closing" means the closing as defined in the Acquisition Agreement.
- (e) "Dummer Yard parcel" means property located at Berlin Tax Map 129, Lot 55, that is the subject of a minor subdivision reviewed by the Berlin Planning Board on February 28, 2002, which property is more particularly described in the Acquisition Agreement and the Sale Order.
- (f) "Existing Contamination" shall mean all pollutants, contaminants or hazardous substances of any variety, whether such contamination is known as of the date of Closing or discovered thereafter:
  - (1) that are present on or under the Acquired Real Property as of the date of Closing, including, but not limited to, contamination in any portion of the Androscoggin Riverbed acquired by GNE or Fraser; or
  - (2) that migrated from the Acquired Real Property prior to Closing, or that are in existence at the time of Closing and migrate from the Acquired Real Property thereafter to adjacent property, including but not limited to the Androscoggin Riverbed; or
  - (3) that are in existence at the time of Closing and that migrate thereafter onto or under the Acquired Real Property.

"Existing Contamination" does not include pulping liquors, process chemicals and other materials used in production processes that are stored and contained at the time of the Closing - - although it does include any such pulping liquors, process chemicals or other materials that may have been released into the soil or groundwater prior to the Closing.

"Existing Contamination" shall also not include solid waste, as defined in RSA 149-M, which has been disposed of at the Mt. Carberry landfill prior to the Closing, or any soil or groundwater contamination resulting therefrom, unless that waste or contamination meets the definition of "hazardous waste" under RSA 147-B:2, VII.

- (g) "Fraser" shall mean Fraser N.H. LLC, a Delaware limited liability company;
- (h) "Fraser Acquired Real Property" means all of the real property to be acquired by Fraser, together with buildings and improvements thereon, as further described in the Acquisition Agreement and the Sale Order.
  - (i) "GNE" shall mean GNE LLC, a Delaware limited liability company.
- (j) "GNE Aequired Real Property" shall mean all real property to be acquired by GNE, together with the hydroelectric dams and related buildings and improvements thereon as further described in the Acquisition Agreement and the Sale Order.
- (k) "Landfill" shall mean Mt. Carberry Landfill LLC, a New Hampshire limited liability company.
- (l) "Landfill Acquired Real Property" means all of the real property to be acquired by Landfill, together with buildings and improvements thereon, as further described in the Acquisition Agreement and the Sale Order.
- (m) "Mt. Carberry Landfill" shall mean a secure solid waste landfill located in Success Township, New Hampshire.
- (n) "Purchasing Entities" shall be used as a collective term to refer to GNE, Fraser, and Landfill.
- (o) "Purchasing Entity" shall be used as a term to refer, individually, to GNE, Fraser or Landfill.
- (p) "Research Building parcel" means property located at Berlin Tax Map 129, Lot 49, Main Street, Berlin that is the subject of a Minor Lot Line Adjustment reviewed by the Berlin Planning Board on February 28, 2002, which property is more particularly described in the Acquisition Agreement and the Sale Order.
- (q) "State" shall mean the State of New Hampshire, its agents, employees, officials, representatives, attorneys, departments, agencies, and instrumentalities.

- (r) "T-1 Transformer Site" means the "Site" as defined in the "Agreement for Addressing PCB Contamination at the T-1 Transformer Area", attached hereto as Exhibit B.
- (s) "Transferred Assets" means all of the assets to be acquired by Fraser, GNE, or Landfill pursuant to the Acquisition Agreement, which are more particularly described in the Acquisition Agreement and the Sale Order.

#### 2. Covenant Not To Sue.

- (a) The State shall not take judicial or administrative action against any of the Purchasing Entities under federal, State or local laws, rules, regulations, ordinances, writs, awards, decrees, stipulations or under the common law, for any civil or administrative liability with respect to or arising out of Existing Contamination, including but not limited to liability for monetary or natural resources damages, statutory penalties, injunctive and other forms of equitable relief, or reimbursement of remedial or response costs.
- (b) Without limiting the foregoing, the parties confirm that the covenant not to sue contained in Paragraph 2(a) is expressly applicable to the following environmental conditions in existence on, under, or adjacent to the Acquired Real Property:
  - (i) Existing Contamination of any variety that resulted from Recognized Environmental Conditions ("RECs"), historic RECs and off-site RECs enumerated in the ASTM Phase I Reports issued as part of pre-closing, environmental due diligence;
  - (ii) Existing Contamination of any variety in the Androscoggin River or the riverbed of the Androscoggin River;
  - (iii) Existing Contamination of any variety on or under the Dummer Yard parcel or contained in leachate from the Dummer Yard parcel, subject only to the terms and conditions of the Agreement for the Treatment of Dummer Yard Leachate, Exhibit A hereto;
  - (iv) Existing Contamination of any variety on or under the Cell House parcel;
  - (v) Existing Contamination of any variety on or under the Research Building parcel; and
  - (vi) Existing Contamination of any variety on or under the T-1 Transformer Site parcel, subject only to the terms and

## conditions of the "Agreement for Addressing PCB Contamination at T-1 Transformer Area", Exhibit B hereto;

(c) The State further agrees that it will not assert any statutory or other right to a lien on the Acquired Real Property, other real or personal property, or revenues or other assets of any of the Purchasing Entities, for costs incurred in the past or the future for investigation, remediation or removal of Existing Contamination.

### 3. Acquisition of the Androscoggin Riverbed by the State of New Hampshire

The State has agreed that prior to Closing it will take title, through eminent domain, to the Androscoggin Riverbed adjacent to the Acquired Real Property with the exception of the footprint of the six (6) hydroelectric dams and related facilities to be acquired by GNE. The State's taking will be subject to all of debtor's existing rights for use of the river in connection with the operation of the hydroelectric facilities or otherwise, as further depicted on survey plans described in the Declaration of Taking.

The State further agrees that it will not dispose of the taken property except in accordance with the procedures established under RSA 4:40.

#### 4. Reservation of Rights.

- (a) Notwithstanding the foregoing, the covenant not to sue set forth in Paragraph 2(a) above is without prejudice to the State's right to pursue action against the Purchasing Entities, or any party entitled to the benefit of this Agreement under Section 5 herein, for:
  - (i) Claims based on the release of additional pollutants, contaminants or hazardous substances, other than Existing Contamination, that occurs at the Acquired Real Property after the date of the Closing;
  - (ii) Claims based on negligent or reckless aggravation of Existing Contamination by a Purchasing Entity or its assign, subject to the terms of Paragraph 4(b) below; and
  - (iii) Claims based on criminal liability of a Purchasing Entity or its assign.
- (b) If the State pursues claims pursuant to Paragraph 4(a)(ii) above, the negligent or reckless aggravation of Existing Contamination by the Purchasing Entity must be proved by the State. In addition, if the State pursues such claims, liability of the Purchasing Entity involved shall extend only to damages or harm attributable to the aggravation of Existing Contamination.

- remedial action allowed by law, including but not limited to action to abate an imminent hazard to human health or the environment caused by Existing Contamination. The Purchasing Entities shall not have liability for costs incurred by the State in any such response, except pursuant to Paragraphs 4(a)(i) and 4(a)(ii) above. The Purchasing Entities shall cooperate with the State throughout its site investigation and remediation or response activities and shall provide access to the State and its contractors at all times for the implementation of investigative or response actions relating to Existing Contamination on or adjacent to the affected Acquired Real Property. To the extent possible under the circumstances, the State agrees to provide notice to the affected Purchasing Entity of the timing of investigative or response actions to be taken at or adjacent to the Acquired Real Property under this provision.
- (d) Nothing in this Agreement shall relieve the Purchasing Entities of their ongoing reporting obligations with respect to releases of environmental contaminants.
- (e) This Reservation of Rights is not intended to increase or expand in any manner the circumstances under which one Purchasing Entity may be liable for the conduct of another Purchasing Entity. Such derivative liability will exist only to the extent that it already exists, independent of this Agreement and by operation of law.

### 5. Benefit of Agreement.

also granted to its successive assigns from time to time; and to any and all officers, directors, employees, agents, lenders and Affiliates of Fraser and its successive assigns from time to time. The rights and obligations of Fraser under this Agreement may be assigned or transferred to successors in title to Fraser and, upon recordation in the Coos County Registry of Deeds, shall be appurtenant to and run with the Fraser Acquired Real Property -- subject to compliance by the successor owner(s) with Fraser's obligations specified herein to make the investments necessary to address pre-Closing environmental compliance issues at the Berlin/Gorham mills; to implement the T-1 Site remediation agreement (Exhibit B) and the Dummer Yard leachate agreement (Exhibit A); and to notify the New Hampshire Department of Environmental Services.

Upon satisfaction of these obligations by Fraser or by its assigns or successors in title, the rights, powers and benefits granted under this Agreement will remain freely transferable and subject only to the reservation of rights set forth under Paragraph 4 herein, and compliance with Sections 4(c) and (d) of this Agreement by the successive owner(s) of the Fraser Acquired Real Property.

In the event of any such assignment or transfer, Fraser shall retain the protections provided to it under this agreement.

- (b) GNE: All of the rights, powers and benefits granted to GNE herein are also granted to its successive assigns from time to time; and to any and all officers, directors, employees, agents, lenders and Affiliates of GNE and its successive assigns from time to time. The rights and obligations of GNE under this Agreement may be assigned or transferred to successors in title of GNE and, upon recordation in the Coos County Registry of Deeds, shall be appurtenant to and run with the GNE Acquired Real Property - subject only to the reservation of rights set forth under Paragraph 4 herein, and compliance with Sections 4(c) and (d) of this Agreement by the successive owner(s) of the GNE Acquired Real Property. In the event of any such assignment or transfer, GNE shall retain the protections provided to it under this Agreement.
- (c) <u>Landfill</u>: All of the rights, powers and benefits granted to Landfill herein are also granted to its successive assigns from time to time; and to any and all officers, directors, employees, agents, lenders and Affiliates of Landfill and its successive assigns from time to time. The rights and obligations of Landfill under this Agreement may be assigned or transferred to successors in title of Landfill and, upon recordation in the Coos County Registry of Deeds, shall be appurtenant to and run with the Landfill Acquired Real Property subject only to the reservation of rights set forth under Paragraph 4 herein, and compliance with Section 4(c) and (d) of this Agreement by the successive owner(s) of the Landfill Acquired Real Property. In the event of any such assignment or transfer, Landfill shall retain the protections provided to it under this Agreement.
- (d) This Agreement is not assignable by any Purchasing Entity to any party which acted as an owner, operator or in any similar capacity with respect to the Berlin or Gorham Mills prior to Closing. Under no circumstances shall this agreement be interpreted to relieve any person of environmental liability under any state or federal statute, or any common-law doctrine, if that environmental liability is based on the person's actions or status prior to November 2, 2001.

#### 6. Entire Agreement.

This Agreement and attached Exhibits constitute the complete understanding of the State and the Purchasing Entities relating to liability of the Purchasing Entities for Existing Contamination. It supersedes any and all other agreements between the parties, oral or in writing, with respect to the subject matter hereof and no other agreement or promise relating to the subject matter of this Agreement shall be binding on the parties. A separate Consent Agreement will be negotiated and executed by the State, the United States Environmental Protection Agency, and Fraser prior to the date of the Closing that addresses anticipated environmental compliance issues when operations begin at the mills.

### 7. Effect of Bankruptcy.

This agreement shall not be binding upon the State with respect to the

Purchasing Entities if - - prior to satisfaction of Fraser's obligations (1) to bring the mills into compliance with State and federal environmental regulations pursuant to its separate Consent Agreement with EPA and the State; (2) to implement agreements attached as Exhibits A and B hereto; and (3) to enter into good faith negotiations with Berlin and Gorham for joint ownership of the Mt. Carberry Landfill - - (a) any Purchasing Entity or its assign commences or has commenced against it, any proceeding in bankruptcy or insolvency (and such involuntary proceeding is not dismissed within 60 days) under (i) the United States Bankruptcy Code, including without limitation any ancillary proceeding under Bankruptcy Code Section 304, (ii) the Canadian Bankruptcy and Insolvency Act (the "BIA"), (iii) the Companies Creditors Arrangement Act or (iv) any similar state or provincial proceedings relating to insolvency or debt relief, including receivership proceedings; and (b) such proceeding has a material adverse effect upon any Purchasing Entity's ability to perform hereunder and the Purchasing Entity is unable to cure such material and adverse effect within 30 days. All parties agree that this agreement is entered into by the State pursuant to its police and regulatory powers and is not an executory contract as that term is used with respect to 11 U.S.C § 365. In the event of such a proceeding, the Purchasing Entity involved agrees that it will, to the extent necessary, concede that any act by the State to enforce this agreement or take any other environmental enforcement measure is a police and regulatory action and is exempted from any automatic stay or other order enjoining creditor action or limiting recourse, including, without limitation, Sections 69 and 215 of the BIA, and United States Bankruptcy Code § 304(b).

#### 8. Authorization.

Each of the parties represent and warrant for itself as follows:

- (a) It has full power and authority to execute and deliver this Agreement;
- (b) The execution and delivery of this Agreement, and the performance of its obligations hereunder, have been duly authorized; and
- (c) This Agreement constitutes its legal valid and binding obligation, enforceable in accordance with its terms.

#### 9. Procedures for Amendment.

This Agreement may be amended, revoked, changed or modified only by written amendment, (or a new agreement) executed by the parties. No waiver of any provision of this Agreement shall be valid unless in writing and signed by the party to be charged.

#### 10. Applicable Law.

This Agreement shall be construed and interpreted in accordance with the laws of the State of New Hampshire.

The parties below have executed this Agreement effective as of the date first written above.

THE STATE OF NEW HAMPSHIRE

Jennifer Patterson, Esquire

Senior Assistant Attorney General Environmental Protection Bureau Office of the Attorney General

State of New Hampshire

THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES

Bv:

G. Dana Bisbee

Acting Commissioner

New Hampshire Department of

**Environmental Services** 

FRASER N.H. ILC

By:

Bert Martin

Its: President

By: 🎾

William Manzer

Its: Vice President

GNE LLC

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frey M./Martin, Manage

MT. CARBERRY LANDFILL LLC

By its Manager

FRASER N.H. ALC

By:

Bert Martin

Its: President

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William Manzer

Its: Vice President

## DOCUMENT 10

## CONSENT FOR ACCESS NADC TO EPA – MAY 28, 2014

#### CONSENT FOR ACCESS TO PROPERTY

NAME:

North American Dismantling Corp. ("NADC")

380 Lake Nepessing Road Lapeer, MI 48446-0307

DESCRIPTION OF PROPERTY:

Land located off of Bridge Street in Berlin, New Hampshire, described more specifically as the "Investigation Area and Access Right-of-Way – Berlin Tax Parcel 129-54.001, Berlin, New Hampshire," as set forth in the Attachment A Hereto.

I (We) consent to the officers, employees, agents, contractors, subcontractors, consultants, and other authorized representatives of the United States Environmental Protection Agency ("EPA") and the New Hampshire Department of Environmental Services ("NHDES") entering and having continued access from May 27, 2014, through May 31, 2015, to the above-referenced property for the following purpose(s):

- (1) taking plant, animal, soil, groundwater, surface water and air samples as may be determined necessary;
- (2) sampling any solids or liquids stored or disposed of on the property;
- drilling or excavating holes and the installation of monitoring wells for subsurface investigation;
- (4) taking other actions related to the investigation of surface or subsurface contamination;
- (5) construction of a temporary staging area adjacent to the Cell House Parcel and from which remedial investigation activities on the Cell House Parcel and the Extended Area of Investigation may be undertaken;
- (6) conducting response actions to mitigate any hazards as determined by EPA; and
- (7) taking any other response actions or evaluating the need to take other response actions.

## CONSENT FOR ACCESS TO PROPERTY Page 2

I (We) understand that EPA will, insofar as it is practicable, provide copies of final sampling and/or remedial work plans concerning any work on the property, prior to the commencement of the work on the property under the work plan. These work plans will be provided to the contact listed below, or to such other contact as may be designated by NADC in the future.

I (We) understand that EPA will make available copies of reports generated about the site once they are final and, upon request from NADC or its representative, copies of data once it has gone through the sampling quality control process. Additionally, NADC may, by request and its agreement to pay the cost thereof, observe EPA's work and, receive a split sample from any samples collected on its property.

I (We) understand that EPA will whenever practicable leave NADC's property in the same condition it was in before EPA entered upon it.

I (We) realize that these actions by EPA are undertaken pursuant to EPA's response and enforcement authorities under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. § 9601 et seq.

I (We) give this written permission voluntarily with knowledge of my (our) right to refuse and without threats or promise of any kind.

5-28-14

Date

Signature of Owner's Authorized Representative

Name:

Rick Marcicki, as a Duly Authorized

Officer of NADC, and not personally

Title:

President, NADC

Contact:

Jack P. Crisp, Jr., Esq. The Crisp Law Firm PLLC

15 N. Main Street, Suite 208

Concord, NH 03301

(603) 225-5252

### Attachment A

Description for investigation Area and Access Right-of-Way – Berlin Tax Parcel 129.54001, Berlin, New Hampshire.

The following described Investigation Area is located on the east side of the Androscoggin River, on the south side of Bridge Street, and on the west side of Hutchins Street in Berlin, New Hampshire.

Beginning at a point on the easterly edge of the Androscoggin River located S07°20'30"W 509.32 feet distant from the centerline of Bridge Street at the easterly abutment of the bridge.

Thence N90°00'00"E for 479.57 feet to a point on the westerly sideline of Hutchins Street.

Thence southerly along the westerly sideline of Hutchins Street the following nine courses:

- 1. S19°45'00"W for 64.47feet to a point.
- 2. S69°20'08"E for 6.78 feet to a point.
- 3. Arc of a curve to the left for 149.46 feet to a point. Said curve has a radius of 871.37 feet and a long chord of S03°54'53"W, 149.27 feet.
- 4. S00°59'56"E for 857.54 feet to a point.
- 5. Arc of a curve to the right for 116.18 feet to a point. Said curve has a radius of 4970.00 feet and a long chord of S00°19'45"E, 116.18 feet.
- 6. S00°20'25"W for 391.24 feet to a point.
- 7. Arc of a curve to the left for 99.25 feet to a point. Said curve has a radius of 5030.00 feet and a long chord of S00°13'29"E, 99.25 feet.
- 8. S00°47'24"E for 386.06 feet to a point.
- 9. Arc of a curve to the right for 169.88 feet to an iron pin. Said curve has a radius of 4970.00 feet and a long chord of \$00°11'21"W, 169.88 feet.

Thence N76°24'28"W along the northerly line of lots in Napert Village for 122.45 feet to an iron pin.

Thence N81°11'28"W for 1134.23 feet to an iron pin at land of Great Lakes Hydro America, LLC, Riverside Dam Parcel.

Thence S51°24'20"W along land of Great Lakes Hydro America, LLC, Riverside Dam Parcel for 23.77 feet to a point on the shore of the Androscoggin River.

Thence northerly along east shore of the Androscoggin River for approximately 805 feet to a point.

Thence along a parcel of land known as the "Cell House Site" owned by Pulp of America, LLC the following six courses:

- 1. S81°17'09"E for approximately 257 feet to a point.
- 2. N84°21'14"E for 76.29 feet to a point.
- 3. N17°49'47"E for 163.16 feet to a point.

- 4. N10°01'47"E for 192.61 feet to a point.
- 5. N14°23'03"W for 226.15 feet to an iron pin.
- 6. N31°02'20"E for 135.73 feet to a point.

Thence S47°45'25"E along Great Lakes Hydro America, LLC, the Sawmill Dam parcel for approximately 26 feet to a point.

Thence southerly along the westerly shore of a water intake channel for approximately 290 feet to a point.

Thence S89°36'11"E along the northerly wall of a gate house structure for 18.00 feet to a point.

Thence northerly along the easterly shore of the water intake channel and the easterly shore of the Androscoggin River for approximately 1210 feet to the point of beginning.

Together with a 50 foot wide access Right-of-Way for the benefit of the above described Investigation Area and Berlin Tax Parcel 128-262 (a.k.a. Cell house site), and being 25 feet either side of the following described centerline:

Beginning at a point on the southerly sideline of Bridge Street and being approximately 485 feet easterly of the Androscoggin River.

Thence along the following nine courses:

- 1. Arc of a curve to the right for 195.84 feet to a point. Said curve has a radius of 650.00 feet and a long chord of S15°38'07"W, 195.10 feet.
- 2. S24°16'01"W for 297.17 feet to a point.
- 3. Arc of a curve to the right for 211.64 feet to a point. Said curve has a radius of 600.00 feet and a long chord of S34°22'20"W, 210.55 feet.
- 4. S44°28'38"W for 86.13 feet to a point
- 5. Arc of a curve to the left for 304.10 feet to a point. Said curve has a radius of 450.00 feet and a long chord of \$25°07'04"W, 298.34 feet.
- 6. S05°45'31"W for 529.38 feet to a point.
- 7. Arc of a curve to the right for 68.48 feet to a point. Said curve has a radius of 77.50 feet and a long chord of S31°04'14"W, 66.27 feet.
- 8. Arc of a curve to the right for 44.78 feet to a point. Said curve has a radius of 27.50 feet and a long chord of \$76°58'14"E, 39.99 feet.
- 9. N30°19'26"W for 31.30 feet to a point on the easterly line of Berlin Tax Parcel 128-262.

Meaning and intending to describe an Investigation Area containing approximately 38 acres and an Access Right-of-Way as shown on York Land Services, LLC plat No. 08-017A titled "Investigation Area on land of North American Dismantling Corp., Tax Map 129, Parcel 54.001, Berlin, New Hampshire" dated November 20, 2008.

All courses of this description are based on angles referenced to New Hampshire State Plane grid, NAD83.

## DOCUMENT 10A

## CONSENT FOR ACCESS NADC TO EPA – MARCH 16, 2009

#### CONSENT FOR ACCESS TO PROPERTY

NAME:

North American Dismantling Corp. ("NADC")

380 Lake Nepessing Road Lapeer, MI 48446-0307

DESCRIPTION OF PROPERTY:

Land located off of Bridge Street in Berlin, New Hampshire, described more specifically as the "Investigation Area and Access Right-of-Way – Berlin Tax Parcel 129-54.001, Berlin, New Hampshire," as set forth in the Attachment A Hereto.

I (We) consent to the officers, employees, agents, contractors, subcontractors, consultants, and other authorized representatives of the United States Environmental Protection Agency ("EPA") and the New Hampshire Department of Environmental Services ("NHDES") entering and having continued access from February 1, 2009 through February 1, 2011, to the above-referenced property for the following purpose(s):

- (1) taking plant, animal, soil, groundwater, surface water and air samples as may be determined necessary;
- (2) sampling any solids or liquids stored or disposed of on the property;
- (3) drilling or excavating holes and the installation of monitoring wells for subsurface investigation;
- (4) taking other actions related to the investigation of surface or subsurface contamination;
- (5) construction of a temporary staging area adjacent to the Cell House Parcel and from which remedial investigation activities on the Cell House Parcel and the Extended Area of Investigation may be undertaken;
- (6) conducting response actions to mitigate any hazards as determined by EPA; and
- (7) taking any other response actions or evaluating the need to take other response actions.

## CONSENT FOR ACCESS TO PROPERTY Page 2

I (We) understand that EPA will, insofar as it is practicable, provide copies of final sampling and/or remedial work plans concerning any work on the property, prior to the commencement of the work on the property under the work plan. These work plans will be provided to the contact listed below, or to such other contact as may be designated by NADC in the future.

I (We) understand that EPA will make available copies of reports generated about the site once they are final and, upon request from NADC or its representative, copies of data once it has gone through the sampling quality control process. Additionally, NADC may, by request and its agreement to pay the cost thereof, observe EPA's work and, receive a split sample from any samples collected on its property.

I (We) understand that EPA will whenever practicable leave NADC's property in the same condition it was in before EPA entered upon it.

I (We) realize that these actions by EPA are undertaken pursuant to EPA's response and enforcement authorities under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. § 9601 et seq.

I (We) give this written permission voluntarily with knowledge of my (our) right to refuse and without threats or promise of any kind.

3-16-09

Signature of Owner's Authorized Representative

Name:

Rick Marcicki, as a Duly Authorized

Officer of NADC, and not personally

Title:

President, NADC

Contact:

Jack P. Crisp, Jr., Esq. Wiggin & Nourie, P.A.

670 N. Commercial St., Suite 305

P.O. Box 808

Manchester, NH 03105

(603) 669-2211

- 4. N10°01'47"E for 192.61 feet to a point.
- 5. N14°23'03"W for 226.15 feet to an iron pin.
- 6. N31°02'20"E for 135.73 feet to a point.

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Together with a 50 foot wide access Right-of-Way for the benefit of the above described Investigation Area and Berlin Tax Parcel 128-262 (a.k.a. Cell house site), and being 25 feet either side of the following described centerline:

Beginning at a point on the southerly sideline of Bridge Street and being approximately 485 feet easterly of the Androscoggin River.

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- 2. S24°16'01"W for 297.17 feet to a point.
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- 6. S05°45'31"W for 529.38 feet to a point.
- 7. Arc of a curve to the right for 68.48 feet to a point. Said curve has a radius of 77.50 feet and a long chord of S31°04'14"W, 66.27 feet.
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- 9. N30°19'26"W for 31.30 feet to a point on the easterly line of Berlin Tax Parcel 128-262.

Meaning and intending to describe an Investigation Area containing approximately 38 acres and an Access Right-of-Way as shown on York Land Services, LLC plat No. 08-017A titled "Investigation Area on land of North American Dismantling Corp., Tax Map 129, Parcel 54.001, Berlin, New Hampshire" dated November 20, 2008.

All courses of this description are based on angles referenced to New Hampshire State Plane grid, NAD83.

### Attachment A

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Thence S51°24'20"W along land of Great Lakes Hydro America, LLC, Riverside Dam Parcel for 23.77 feet to a point on the shore of the Androscoggin River.

Thence northerly along east shore of the Androscoggin River for approximately 805 feet to a point.

Thence along a parcel of land known as the "Cell House Site" owned by Pulp of America, LLC the following six courses:

- 1. S81°17'09"E for approximately 257 feet to a point.
- 2. N84°21'14"E for 76.29 feet to a point.
- 3. N17°49'47"E for 163.16 feet to a point.

## DOCUMENT 11

## CONSENT FOR ACCESS NADC TO CITY OF BERLIN (HEB)

## CONSENT FOR ACCESS TO PROPERTY AND RELEASE OF LIABLITY & INEMNIFICATION

NAME:

North American Dismantling Corp. ("NADC")

380 Lake Nepessing Road Lapeer, MI 48446-0307

PROPERTY:

Approximately 60 acre parcel of land located off of Bridge Street in

Berlin, New Hampshire, being the northerly half of the former Fraser Pulp

Mill

NADC hereby consents to the officers and employees of H. E. Bergeron Engineering, Inc. of North Conway, NH ("HEB") entering and having continued access from December 10, 2012 through December 20, 2012 to the above-referenced property for the purpose of performing certain survey work in connection with the possible relocation of Hutchins Street. Said work is being performed by and at the expense of the City of Berlin, NH.

It is agreed HEB shall provide copies of the survey work and plans prepared concerning any work on the property. These materials shall be provided to NADC c/o The Crisp Law Firm, PLLC having an address 15 North Main Street, Suite 208 Concord, NH 03301.

HEB agrees it will leave NADC's property in the same condition it was in before HEB entered upon it. HEB agrees to perform, at its sole cost any repairs or other work necessitated by the presence of its officers and employees on the NADC property.

HEB hereby agrees it shall indemnify, save and hold NADC, its shareholders, officers, directors, employees and agents harmless from any and all damages and claims of any nature and description whatsoever that may arise as result of the presence of HEB's officers and employees or any persons or entities HEB allows on the NADC property or in any way caused by or contributed to the cause of the actions or inactions of HEB's officers and employees or any other persons or entities HEB allows on the NADC property. This indemnification shall include attorney's fees and costs NADC may incur as a result of any claim asserted and/or any action brought that was caused, in whole or part, by HEB, its officers, employees and other persons or entities it allows on the NADC land, or in enforcing this indemnification agreement.

HEB hereby waives and releases NADC its shareholders, officers, directors, employees and agents from any and all injuries, damages and/or claims of any nature and description whatsoever that may arise as result of the presence of HEB's officers and employees or any persons or entities HEB allows on the NADC property.

(SIGNATURES APPEAR ON THE FOLLOWING PAGE)

North American Dismantling Corp.

Dated: December \_\_\_\_\_, 2012

Rick Marcicki, President

Dated: December \_\_, 2012

H. E. Bergeron Engineering, Inc.

Duly authorized

Corporate Secret

6000-10.5

## DOCUMENT 12

## ACCESS AGREEMENT NADC/GEORGIA PACIFIC MAY 30, 2014

#### **ACCESS AGREEMENT**

This Agreement is entered on this 30<sup>th</sup> day of May 2014 by and between North American Dismantling Corp., a Michigan corporation with a principal place of business in Lapeer, Michigan ("NADC") and Georgia-Pacific LLC and its owned and controlled affiliates, a Delaware corporation with a principal place of business in Atlanta, Georgia ("GEORGIA-PACIFIC").

WHEREAS, NADC owns property located in the City of Berlin, County of Coos, State of New Hampshire shown as Tax Map/Lot 129 54.001 on that certain plan entitled "Minor Lot Line Adjustment Plan between properties of North American Dismantling Corporation, Tax Map 129, Lot 54.001, and White Mountain Energy, LLC, Tax Map 129, Parcel 54.01, Berlin, New Hampshire" recorded as Plan #3101 (the "Plan") in the Coos Country Registry of Deeds (hereinafter the "NADC Property"); and

WHEREAS, GEORGIA-PACIFIC seeks access to a parcel shown on the Plan as the "Cell House Site" Tax Map/Lot 128 62 ("CHP" OR "Site") which can only be reached by land by access through the NADC Property; and

WHEREAS, NADC has sufficient right, title and interest to the NADC Property, and can otherwise lawfully grant access to the CHP as described in this Access Agreement; and

WHEREAS, GEORGIA-PACIFIC seeks access to the CHP for its employees, agents, representatives and contractors ("G-P Representatives") and that access may need to occur irregularly for several years; and

WHEREAS, NADC is willing to permit such access provided it receives certain assurances and agreements as provided herein;

NOW THEREFORE, the parties agree as follows:

- NADC hereby grants to GEORGIA-PACIFIC and G-P Representatives access to the CHP by foot and by vehicle, across the NADC Property during reasonable business hours. GEORGIA-PACIFIC shall give at least one week prior notice to NADC of entry to the NADC Property. This one-week advance notice shall be in writing to NADC and shall include the names, employer or affiliation, and title of the G-P Representatives; the date(s) of planned access and approximate amount of time needed; and whether automobile access is planned.
- 2. NADC agrees to provide access and, in its sole discretion, to provide a representative escort at all times while G-P Representatives are on the NADC Property. The parties agree that access will only occur when United States Environmental Protection Agency ("EPA") can accompany G-P Representatives on the NADC Property, unless the EPA declines to attend.
- GEORGIA-PACIFIC and G-P Representatives agree that they have been made aware of a buried water line on the NADC Property and that access over said water line other than by on foot is prohibited.
- 4. Access is granted solely for the purpose of viewing and photographing the CHP. GEORGIA-PACIFIC will not photograph, perform tests, obtain samples or conduct other monitoring or environmental activity on or of the NADC Property.

- 5. GEORGIA-PACIFIC and G-P Representatives shall enter upon the NADC Property at their sole risk. GEORGIA-PACIFIC, on behalf of itself and G-P Representatives, release, indemnify, hold harmless and covenant not to sue NADC for any loss, liability, damage, cost or expense, including reasonable attorneys fees (collectively "Damages"), on account of (a) injuries to or death of persons or damage to property of every kind, arising out of GEORGIA-PACIFIC's access to the NADC Property, except to the extent that such Damages result from the gross negligence or willful misconduct of NADC, or its agents or employees. Notwithstanding the foregoing, under no circumstances shall GEORGIA-PACIFIC or G-P Representatives be liable to NADC pursuant to the preceding sentence for indirect, consequential, special, or exemplary damages, other than with respect to claims for contribution, or unless caused by the gross negligence or willful misconduct of GEORGIA-PACIFIC or G-P Representatives.
- 6. Any and all agents, contractors, independent representatives or others GEORGIA-PACIFIC shall engage, invite, contract with or cause for any reason to be on NADC Property shall carry at their expense, at all times access is used during the term of this Access Agreement, occurrence and not claims made insurance coverage equal to or greater than the following:

Coverage	<u>Limits</u>
Worker's Compensation	Statutory
Commercial General Liability (Bodily Injury & Property Damage)	\$1,000,000 each occurrence; \$2,000,000 aggregate

7. Notice under this Access Agreement shall be provided as follows:

#### FOR NADC:

Rick Marcicki, President North American Dismantling Corp. P.O. Box 307 Lapeer, Michigan 48446-0307

#### With a copy to:

Jack P. Crisp, Jr. Esq. The Crisp Law Firm, PLLC 15 North Main Street, Suite 208 Concord, NH 03301 jack.crisp@crisplaw.com

#### FOR GEORGIA-PACIFIC:

J. Michael Davis, Assistant General Counsel Georgia-Pacific LLC 133 Peachtree Street NE (30303) Floor Code GA030-42 PO Box 105605 Atlanta, GA 30348-5605 jmdavis@gapac.com (404) 652-7497

With a copy to:

Kenneth F. Gray, Esq. Pierce Atwood LLP 254 Commercial Street Portland, ME 04101 KGray@PierceAtwood.com (207) 791-1212

- 8. This Access Agreement shall expire one (1) year from the date first stated above. This Access Agreement may be revoked by either party without cause upon fourteen (14) days advance written notice to the other party. Notwithstanding the forgoing, paragraphs 5, 7, 8, 9 and 10 shall survive the expiration or earlier termination of this Access Agreement.
- 9. This Access Agreement shall be effective as of the date first stated above. This Access Agreement shall be construed according to the laws of the State of New Hampshire and any lawsuit filed against any party to this Access Agreement with respect to the subject matter hereof shall be filed in a court of competent jurisdiction located in the State of New Hampshire.
- 10. GEORGIA-PACIFIC and NADC agree that the facts and agreements contained in this Agreement shall be utilized solely in connection with the access granted hereunder and the associated obligations, and neither shall be admissible or binding in any proceeding unrelated to the access or for any other purpose.

NORTH AMERICAN DISMANTLING CORP.

District the second second

Printed Name: Rick Marcicki, President

**GEORGIA-PACIFIC LLC** 

Printed Name: J. M.

J. Michael Davis

Assistant General Counsel - Environmental

6000-10.3

## **DOCUMENT 13**

## CITY OF BERLIN DOCUMENT DEPICTING FACILTY STUDY AREA

C1.01 SHEET 1 OF 1

> 2009-013 oposed Roadway Easement Hutchins Street Relocation

